

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use

Inventors: Raghuram Kalluri

# FIG. 1A

09/625191

pET22b(+) forward primer:

5'-CGGGATCCT TCT GTT GAT CAC GGC TTC-3' (SEQ ID NO:3)

pET22b(+) reverse primer:

5'-CCCAAGCTT TGT TCT TCT CAT ACA GAC-3' (SEQ ID NO:4)

pPICZαA forward primer:

5'-TTCGGAATTC TCT GTT GAT CAC GGC TTC-3' (SEQ ID NO:15)

pPICZαA reverse primer:

5'-TGCTCTAGAGG TGT TCT TCT CAT ACA GAC TTG GCA-3' (SEQ ID NO:16)

|            |            |            |            |            |            |     |     |     |
|------------|------------|------------|------------|------------|------------|-----|-----|-----|
| 5          | 10         | 15         | 20         | 25         | 30         | 35  | 40  | 45  |
| <u>tct</u> | <u>ggt</u> | <u>gat</u> | <u>cac</u> | <u>ggc</u> | <u>ttc</u> | ctt | gtg | acc |
| 50         | 55         | 60         | 65         | 70         | 75         | 80  | 85  | 90  |
| gat        | gac        | cca        | cag        | tgt        | cct        | tct | ggg | acc |
| 95         | 100        | 105        | 110        | 115        | 120        | 125 | 130 | 135 |
| tac        | tct        | ttg        | ctc        | tac        | gtg        | caa | ggc | aat |
| 140        | 145        | 150        | 155        | 160        | 165        | 170 | 175 | 180 |
| gac        | ttg        | ggc        | acg        | gcc        | ggc        | agc | tgc | ctg |
| 185        | 190        | 195        | 200        | 205        | 210        | 215 | 220 | 225 |
| ccc        | ttc        | ctg        | ttc        | tgc        | aat        | att | aac | aac |
| 230        | 235        | 240        | 245        | 250        | 255        | 260 | 265 | 270 |
| cga        | aat        | gac        | tac        | tgc        | tac        | tgg | ctg | tcc |
| 275        | 280        | 285        | 290        | 295        | 300        | 305 | 310 | 315 |
| atg        | tca        | atg        | gca        | ccc        | atc        | acg | ggg | gaa |
| 320        | 325        | 330        | 335        | 340        | 345        | 350 | 355 | 360 |
| agt        | agg        | tgt        | gct        | gtg        | tgt        | gag | gcg | cct |
| 365        | 370        | 375        | 380        | 385        | 390        | 395 | 400 | 405 |
| cac        | agc        | cag        | acc        | att        | cag        | atc | cca | ccg |
| 410        | 415        | 420        | 425        | 430        | 435        | 440 | 445 | 450 |
| tgc        | ctg        | tgg        | atc        | ggc        | tac        | tct | ttt | gtg |
| 455        | 460        | 465        | 470        | 475        | 480        | 485 | 490 | 495 |
| gca        | gaa        | ggc        | tct        | ggc        | caa        | gcc | ctg | gcg |
| 500        | 505        | 510        | 515        | 520        | 525        | 530 | 535 | 540 |
| gag        | gag        | ttt        | aga        | agt        | gcg        | cca | ttc | atc |
| 545        | 550        | 555        | 560        | 565        | 570        | 575 | 580 | 585 |
| acc        | tgc        | aat        | tac        | tac        | gca        | aac | gct | tac |
| 590        | 595        | 600        | 605        | 610        | 615        | 620 | 625 | 630 |
| ata        | gag        | agg        | agc        | gag        | atg        | ttc | aag | aag |
| 635        | 640        | 645        | 650        | 655        | 660        | 665 | 670 | 675 |
| aag        | gca        | ggg        | gag        | ctg        | cgc        | acg | cac | gtc |
| 680        | 685        | 690        |            |            |            |     |     |     |
| <u>atg</u> | <u>aga</u> | <u>aga</u> | <u>aca</u> | taa        |            |     |     |     |

(SEQ ID NO:1)

APPROVED

E

DRAFT

## FIG. 1B

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  |     |     |     |     |     |     |
| SVD | HGF | LVT | RHS | QTI | DDP | QCP | SGT | KIL | YHG | YSL | LYV | QGN | ERA | HGQ |
| 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  |     |     |     |     |     |     |
| DLG | TAG | SCL | RKF | STM | PFL | FCN | INN | VCN | FAS | RND | YSY | WLS | TPE | PMP |
| 95  | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 |     |     |     |     |     |     |
| MSM | API | TGE | NIR | PFI | SRC | AVC | EAP | AMV | MAV | HSQ | TIQ | IPP | CPS | GWS |
| 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 |     |     |     |     |     |     |
| SLW | IGY | SFV | MHT | SAG | AEG | SGQ | ALA | SPG | SCL | EEF | RSA | PFI | ECH | GRG |
| 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 |     |     |     |     |     |     |
| TCN | YYA | NAY | SFW | LAT | IER | SEM | FKK | PTP | STL | KAG | ELR | THV | SRC | QVC |

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MRR T

(SEQ ID NO:2)

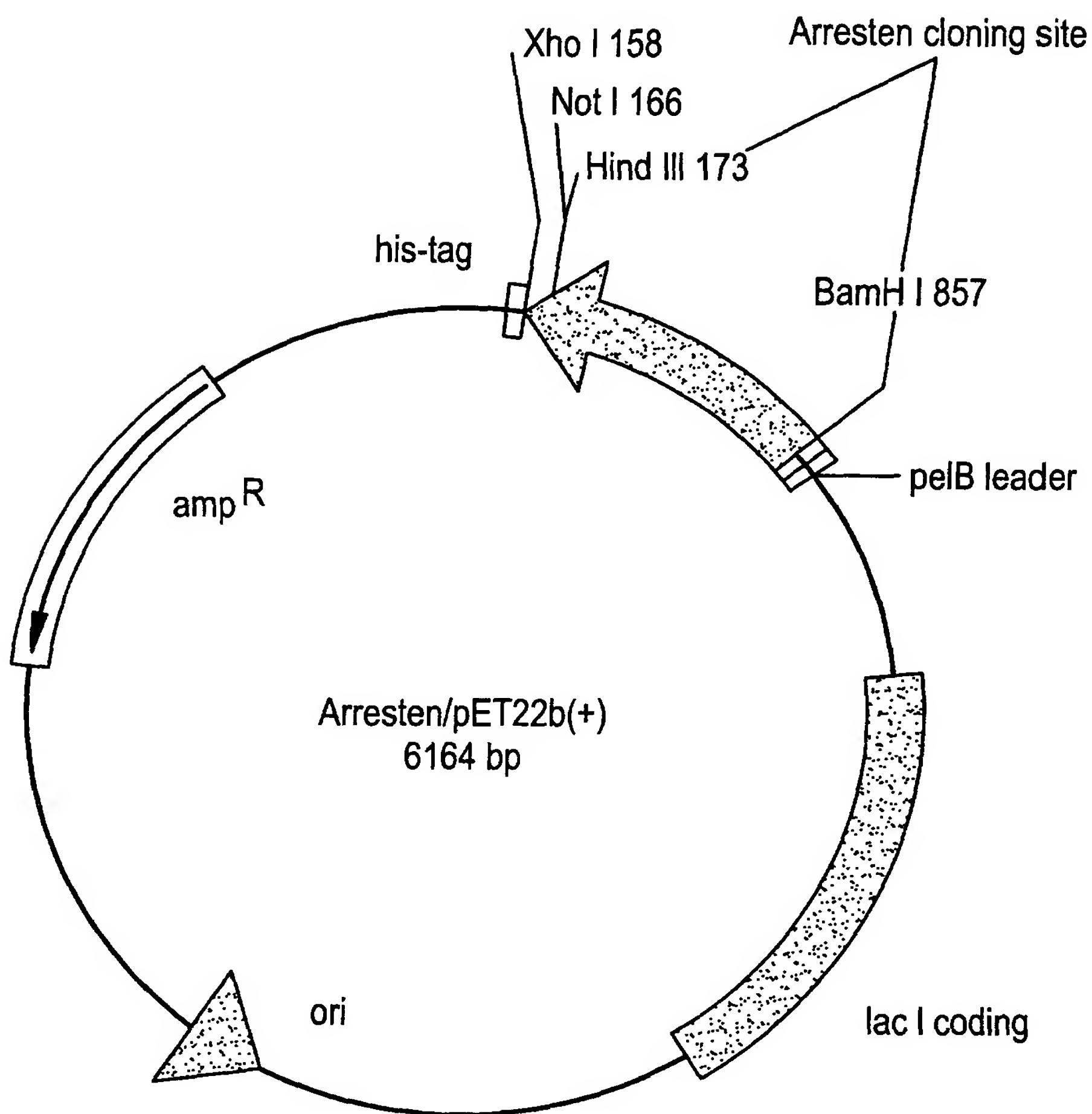
|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS SUBCLASS |
| DRAFTSMAN |                |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

FIG. 2



Forward primer: 5'-cgggatccttctgttgatcacggcttc-3'

Reverse primer: 5'-cccaagctttgttcttctcatcacagac-3'

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 3A

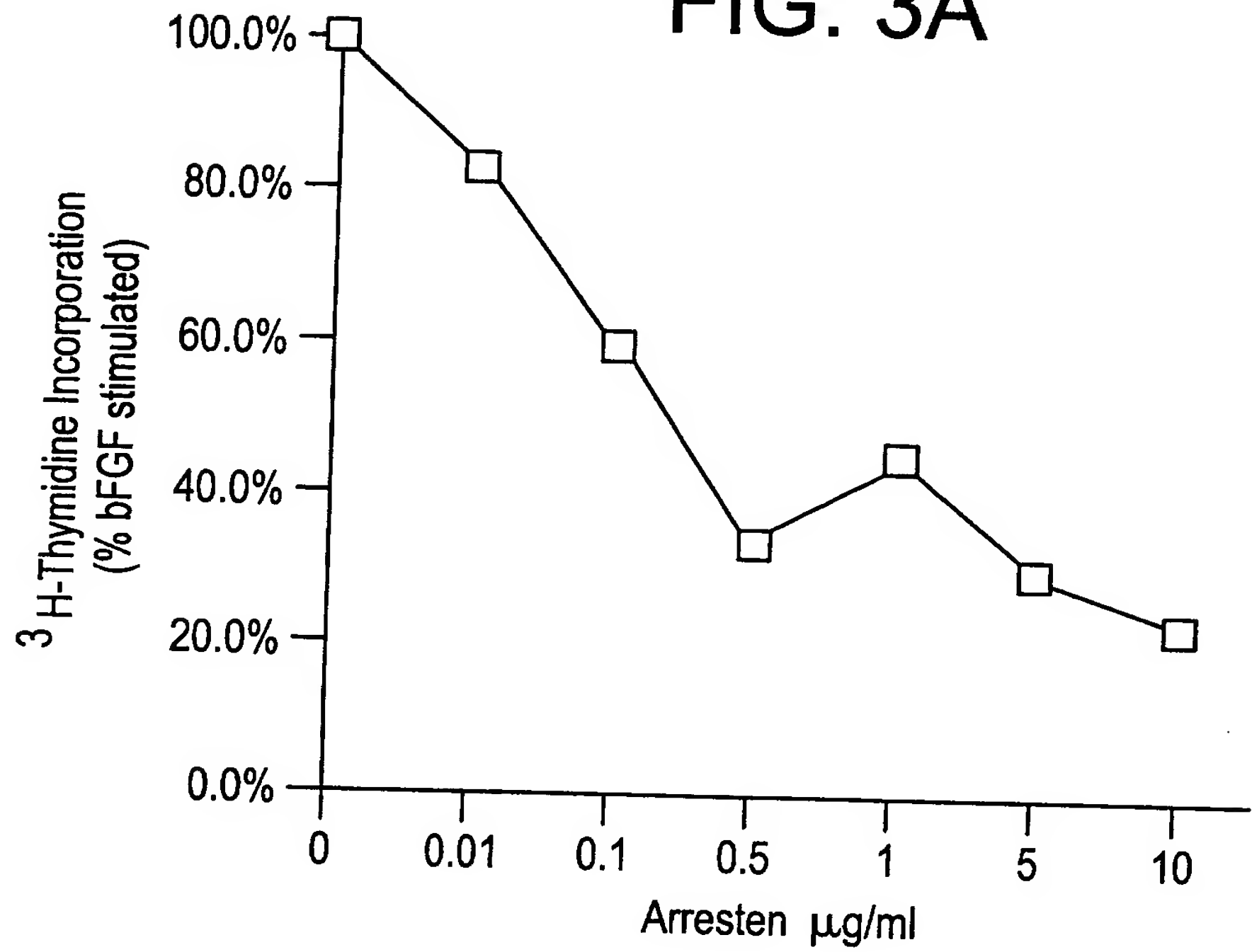
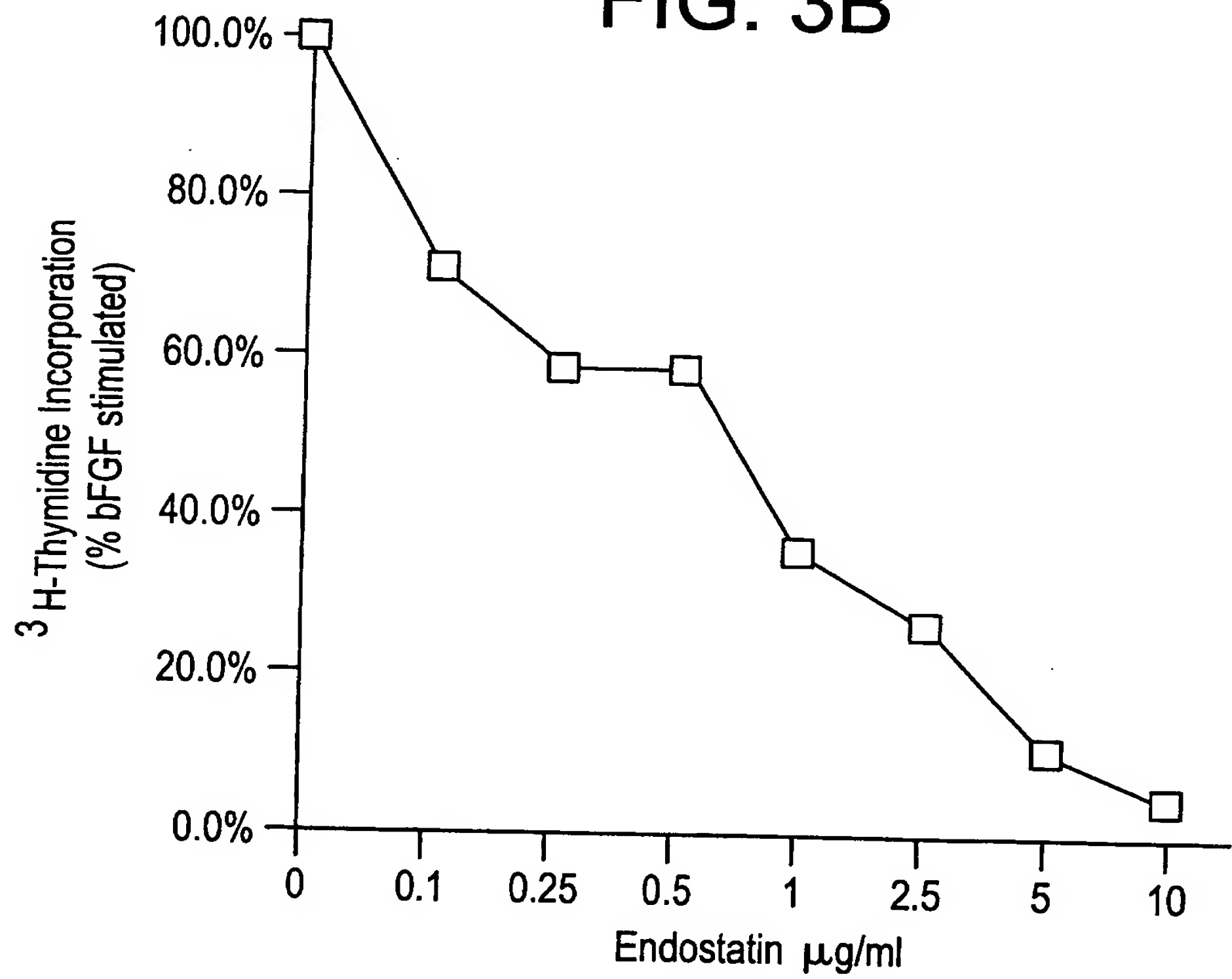


FIG. 3B



|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS SUBCLASS |
| DRAFTSMAN |                |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

FIG. 4A

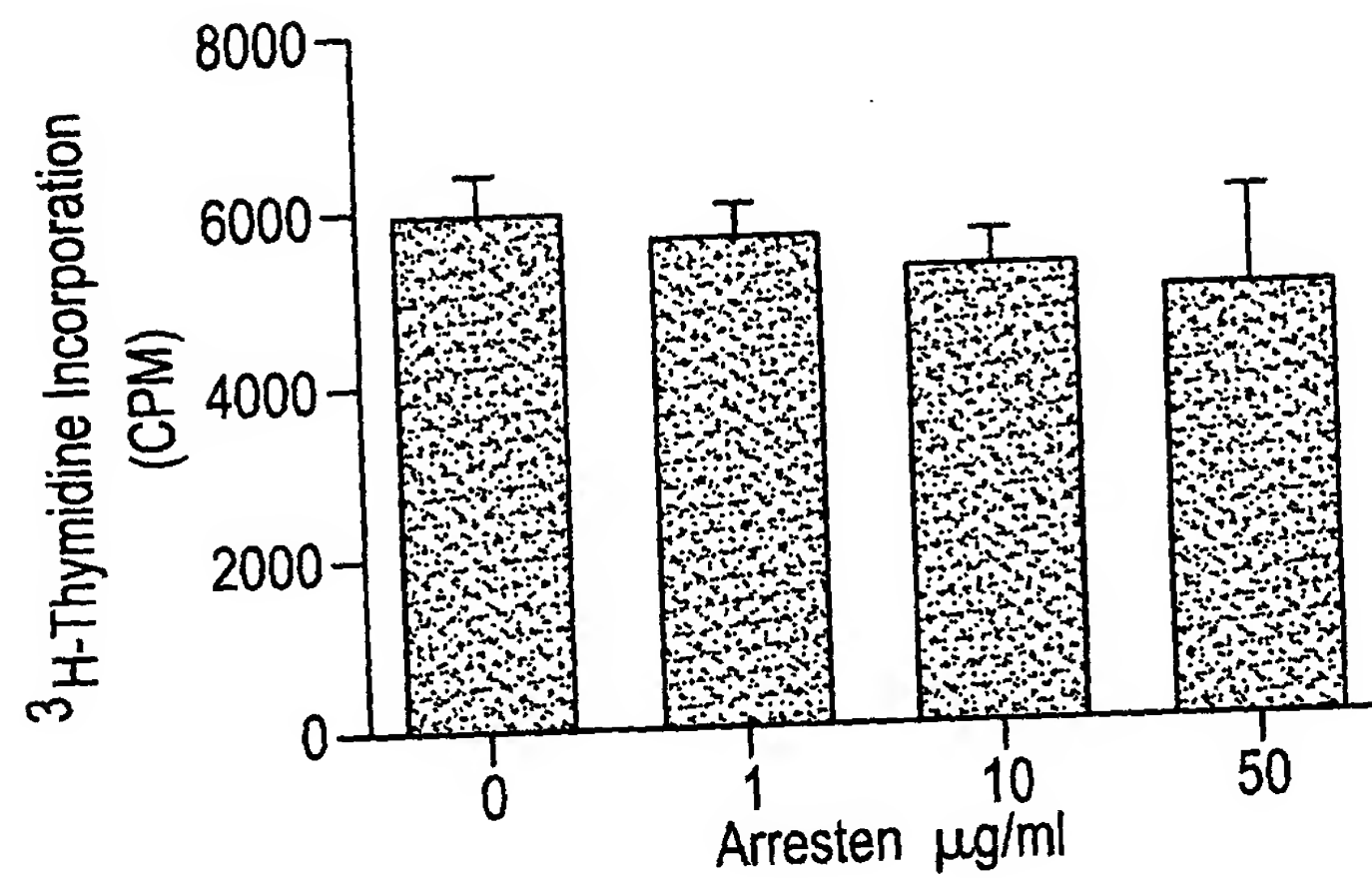
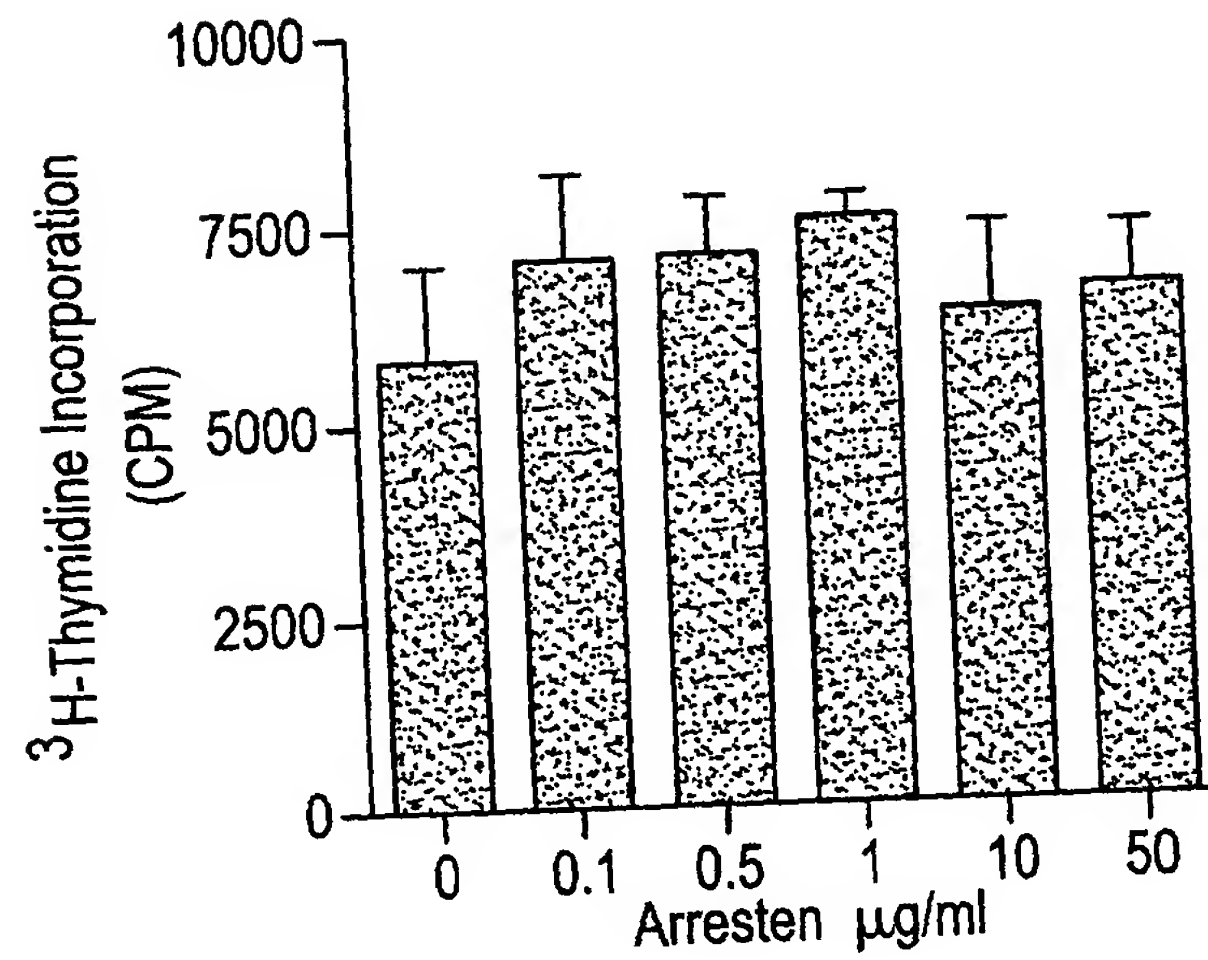


FIG. 4B



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 4C

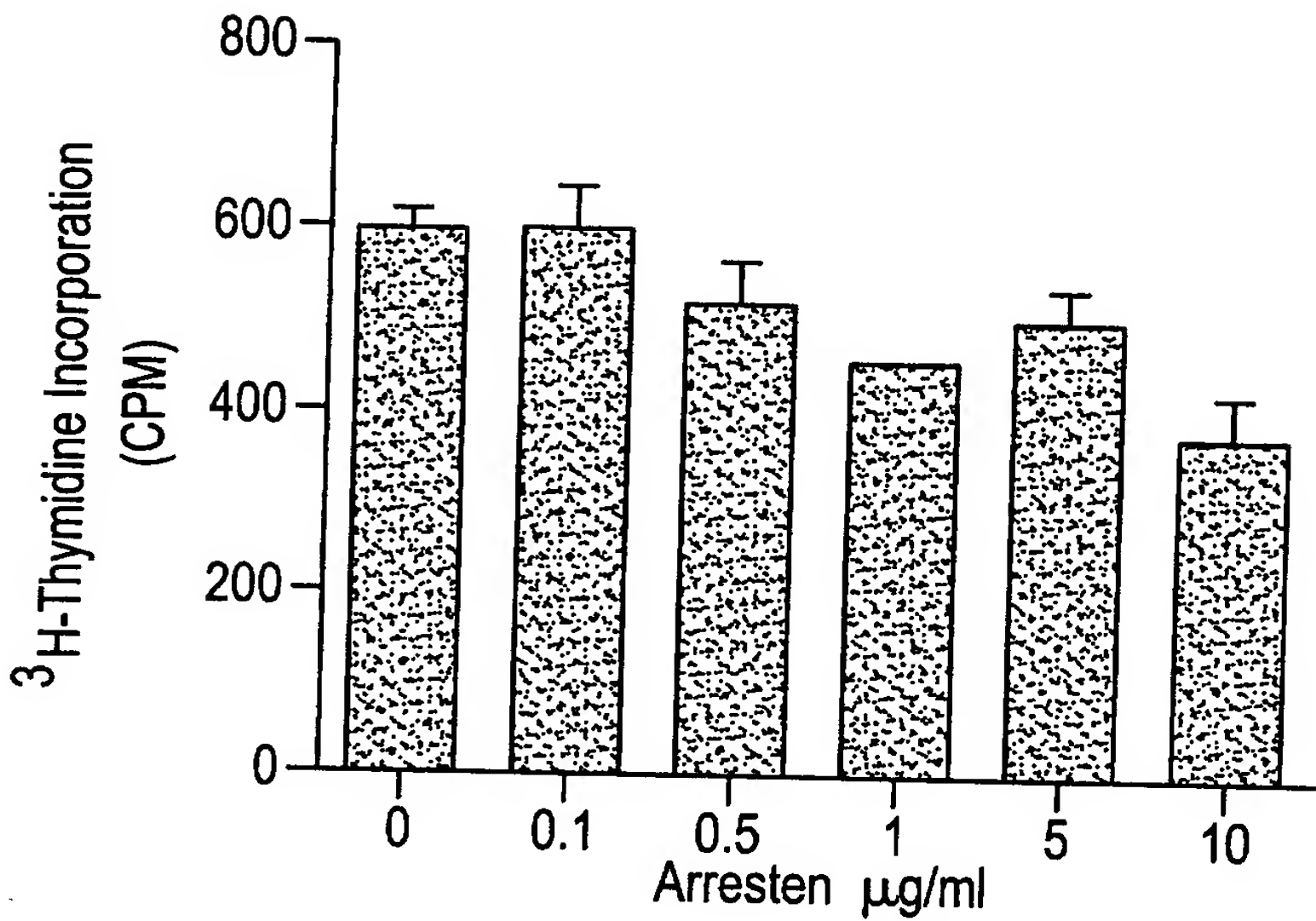
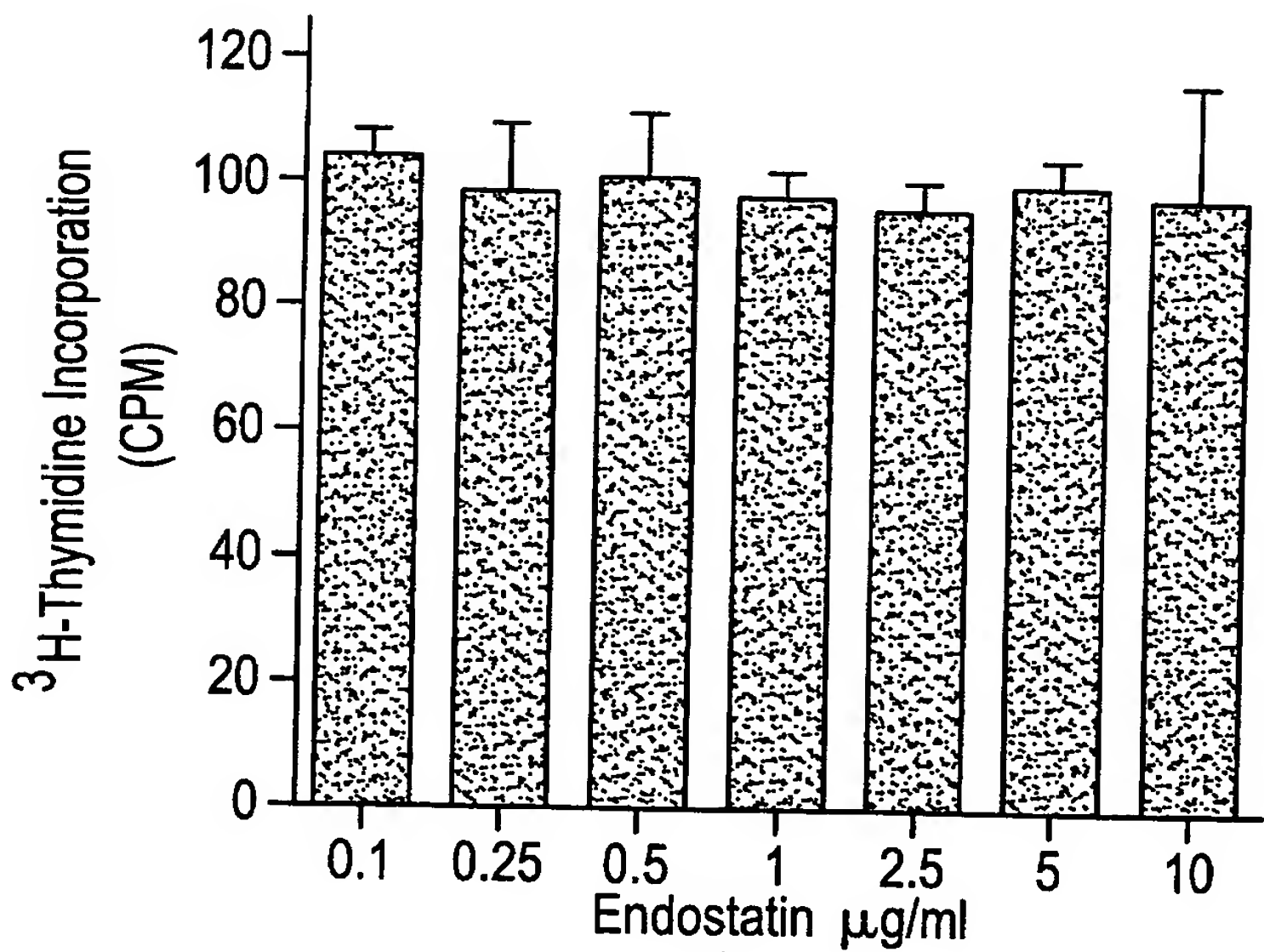


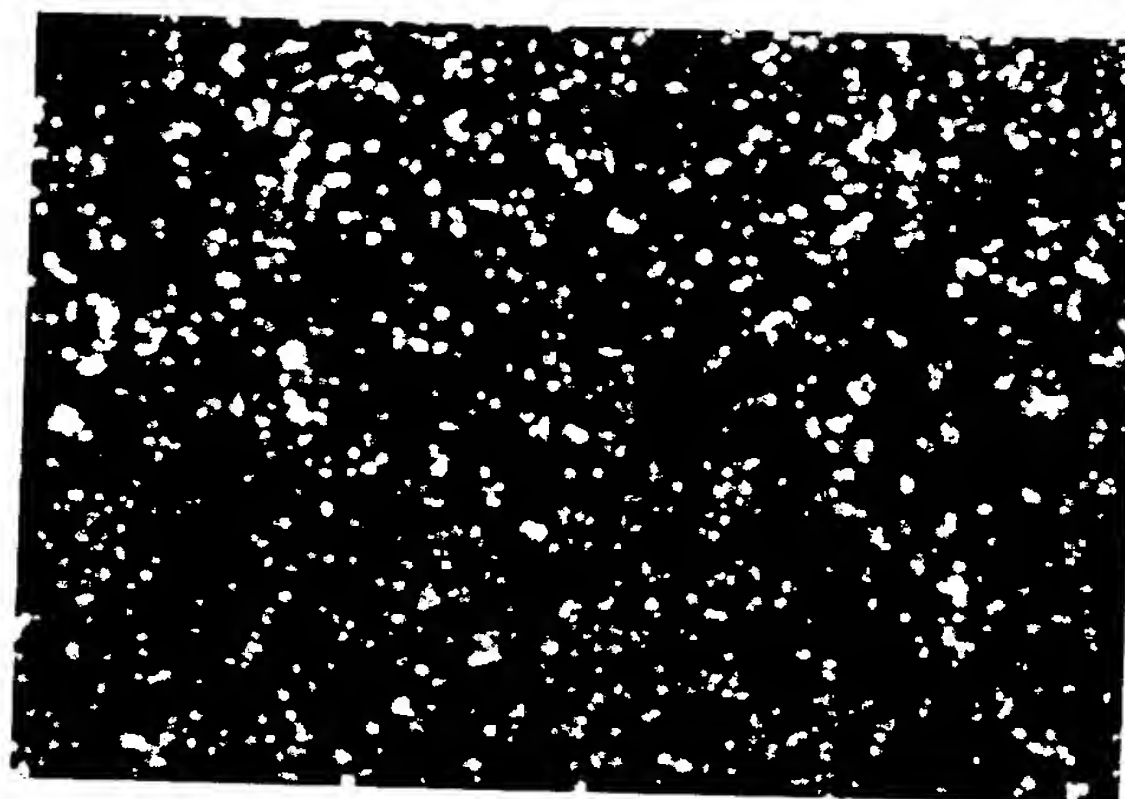
FIG. 4D



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

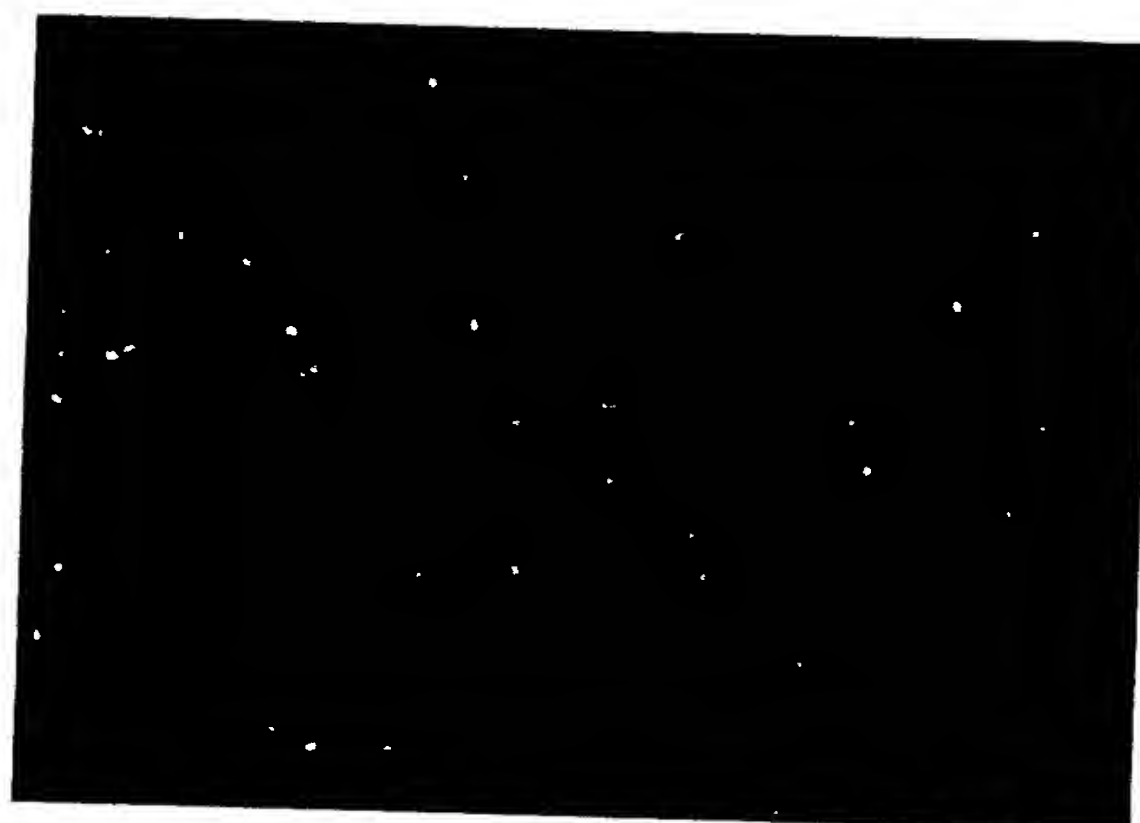
## FIG. 5A

Control



## FIG. 5B

Arresten 2  $\mu$ g/ml



## FIG. 5C

Endostatin 20  $\mu$ g/ml



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Ti Anti-Angiogenic Proteins and Fragments and Methods of Use Th

Inventors: Raghuram Kalluri

FIG. 6

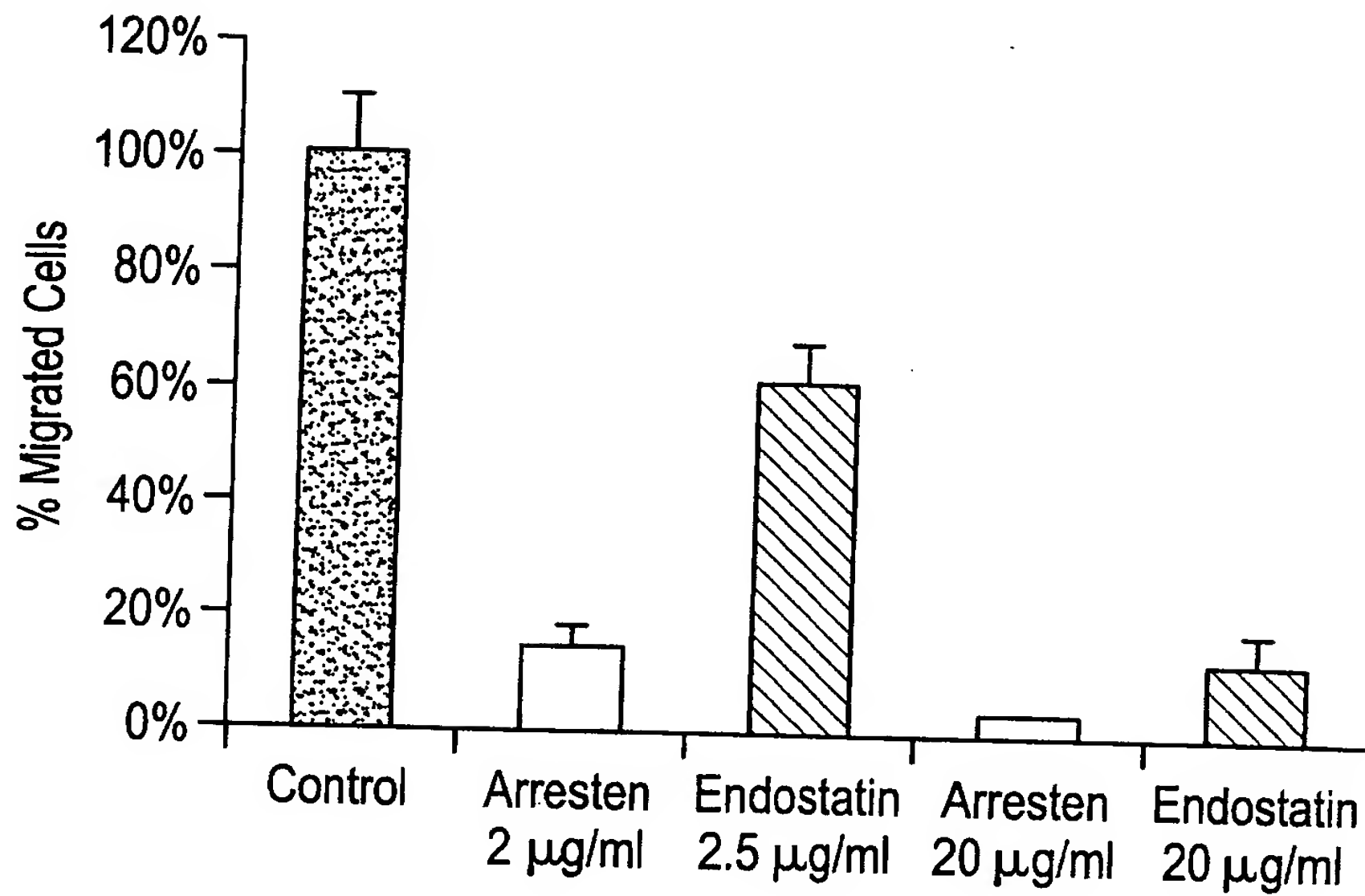
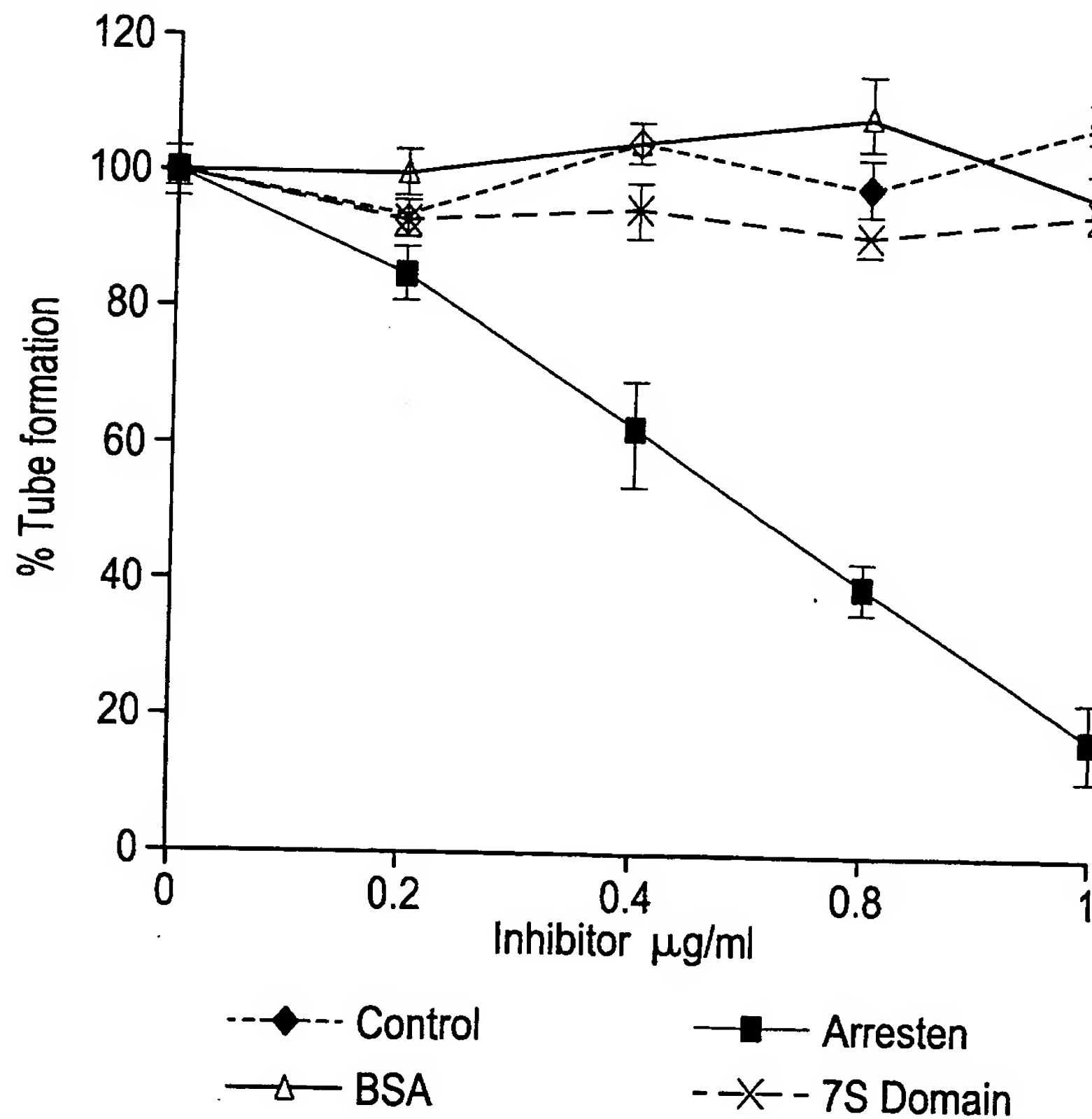


FIG. 7





Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 8A

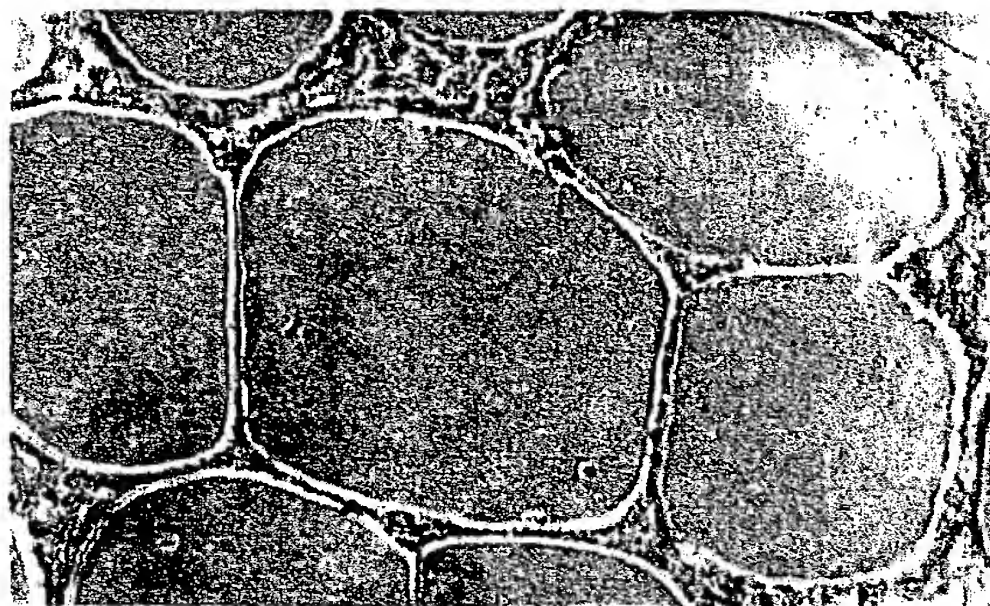
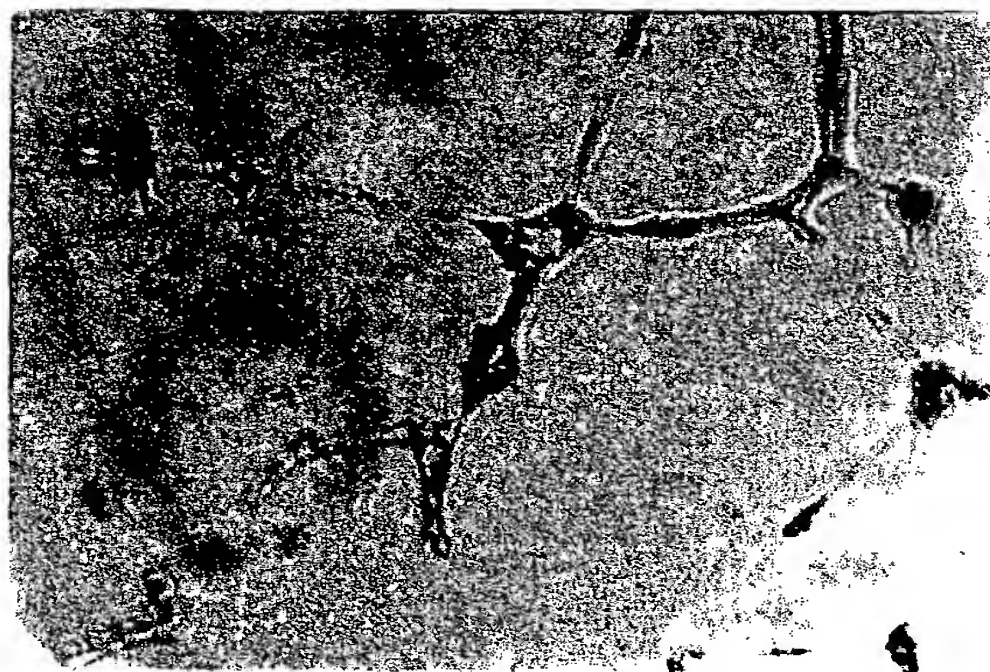


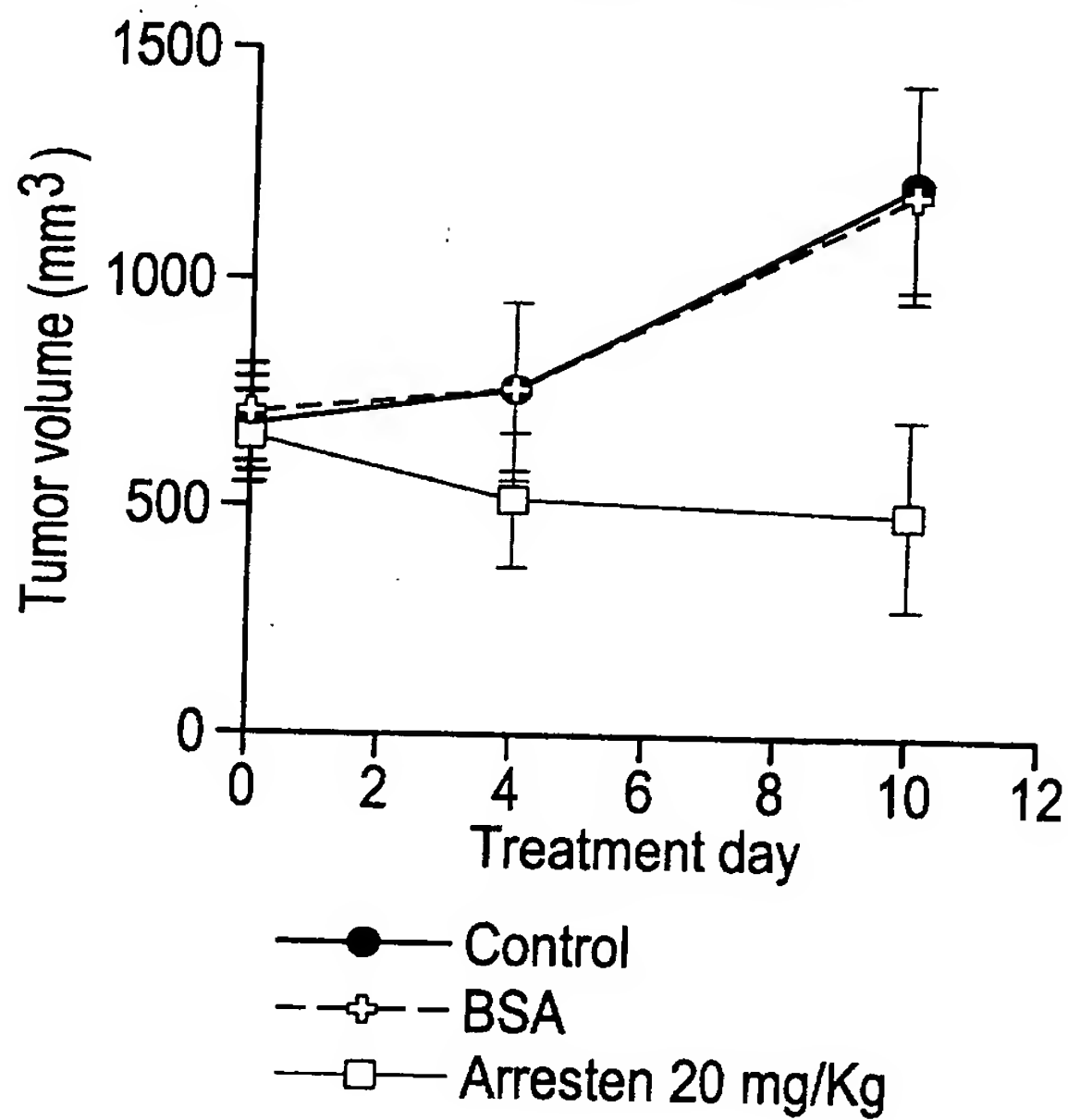
FIG. 8B



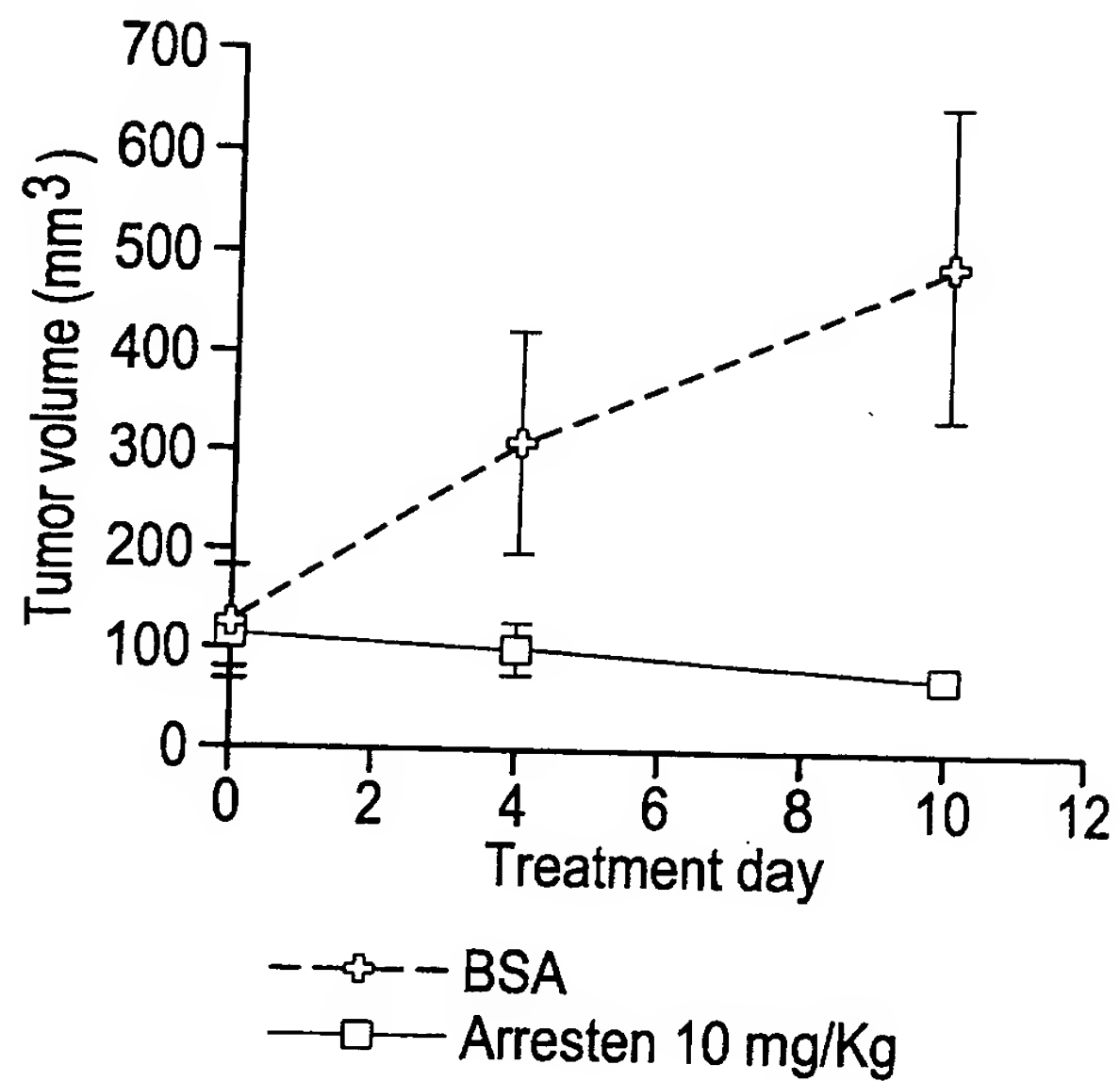
|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006  
Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof  
Inventors: Raghuram Kalluri

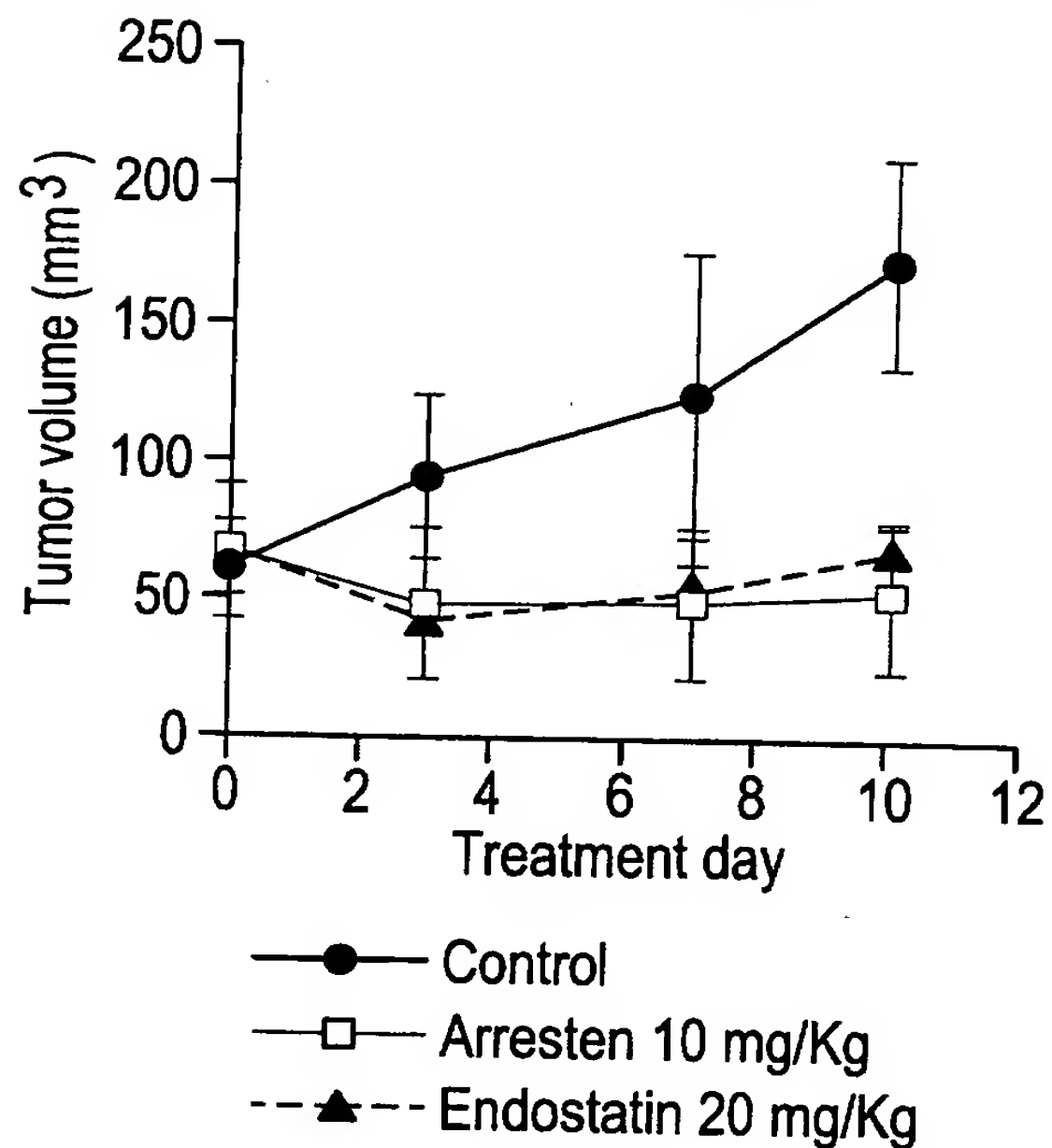
**FIG. 9A**



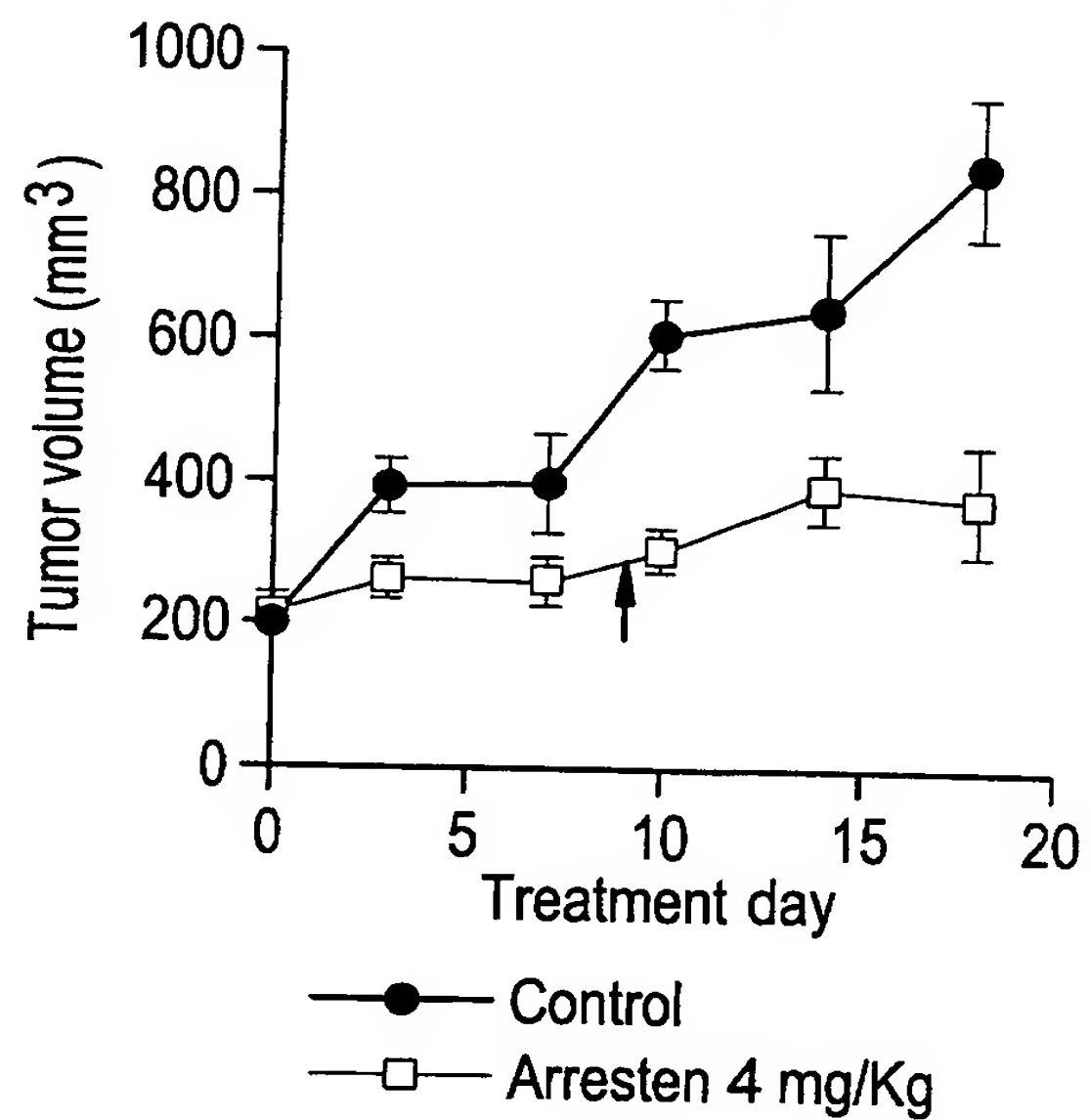
**FIG. 9B**



**FIG. 9C**



**FIG. 9D**



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

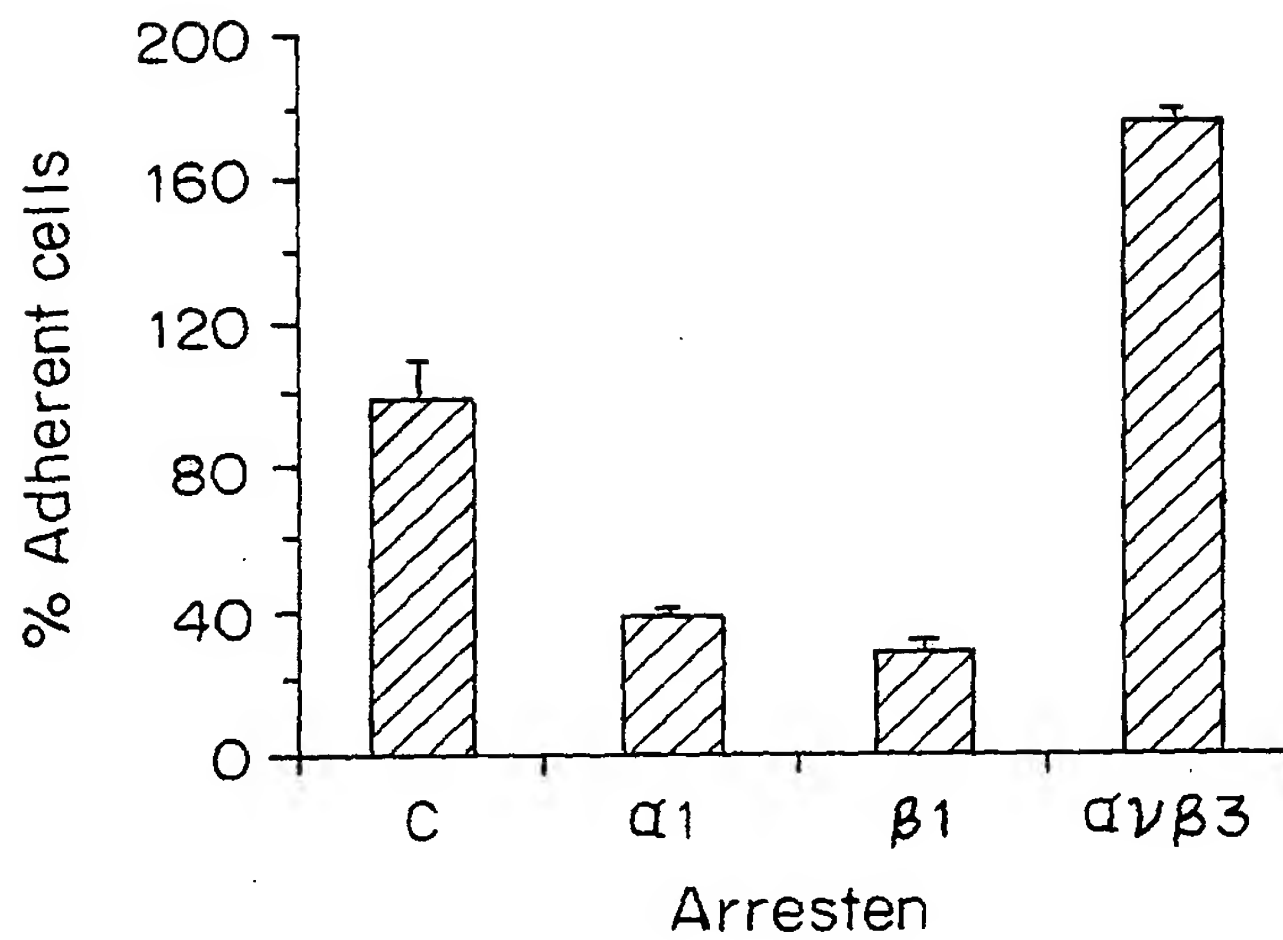


FIG. IOA

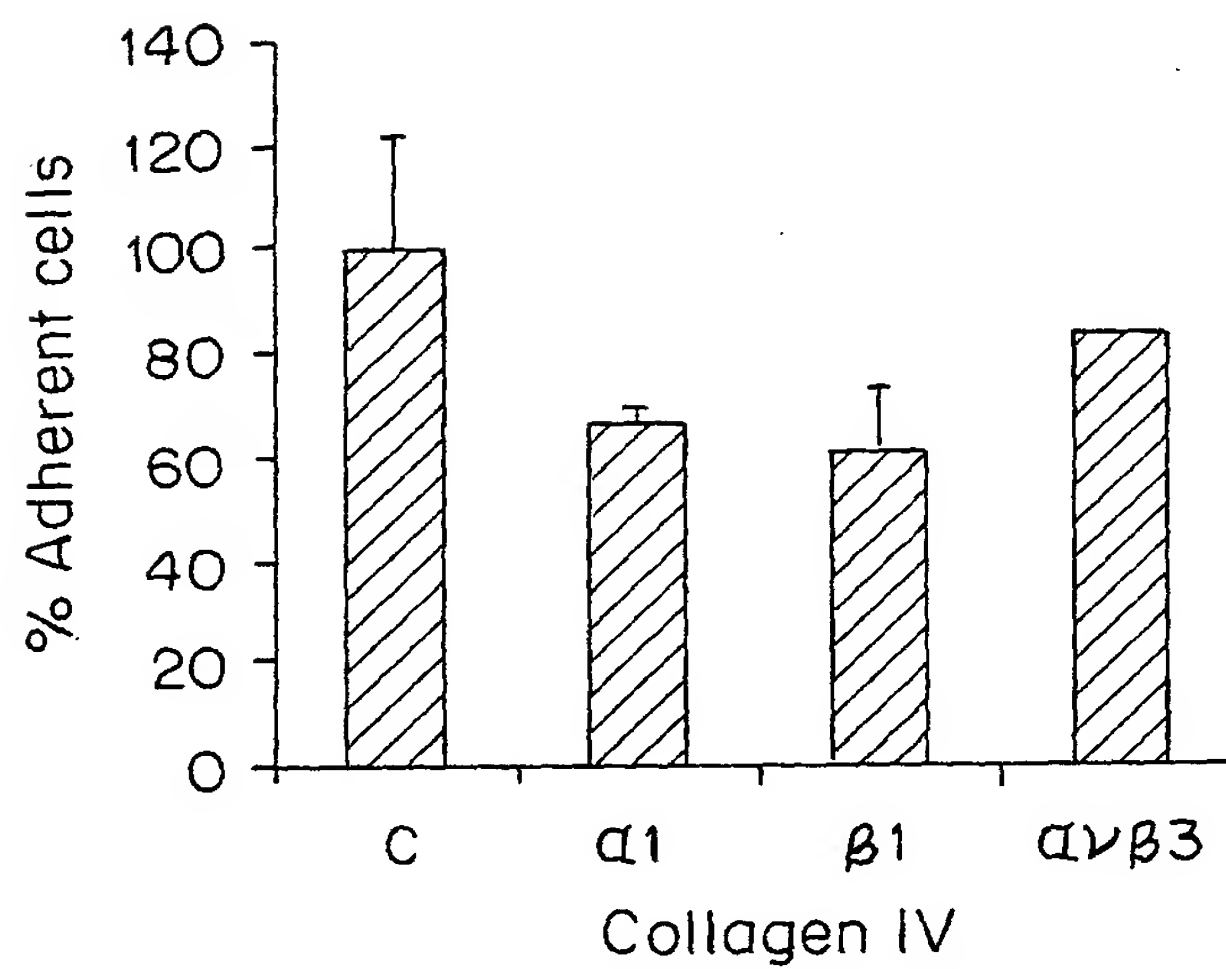


FIG. IOB



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
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Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

## FIG. 11B

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  |     |     |     |     |     |     |
| VSI | GYL | LVK | HSQ | TDQ | EPM | CPV | GMN | KLW | SGY | SLL | YFE | GQE | KAH | NQD |
| 50  | 55  | 60  | 65  | 70  | 75  | 80  | 85  | 90  |     |     |     |     |     |     |
| LGL | AGS | CLA | RFS | TMP | FLY | CNP | GDV | CYY | ASR | NDK | SYW | LST | TAP | LPM |
| 95  | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 |     |     |     |     |     |     |
| MPV | AED | EIK | PYI | SRC | SVC | EAP | AIA | IAV | HSQ | DVS | IPH | CPA | GWR | SLW |
| 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 |     |     |     |     |     |     |
| IGY | SFL | MHT | AAG | DEG | GGQ | SLV | SPG | SCL | EDF | RAT | PFI | ECN | GGR | GTC |
| 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 |     |     |     |     |     |     |
| HYY | ANK | YSF | WLT | TIP | EQS | FQG | SPS | ADT | LKA | GLI | RTH | ISR | CQV | CMK |

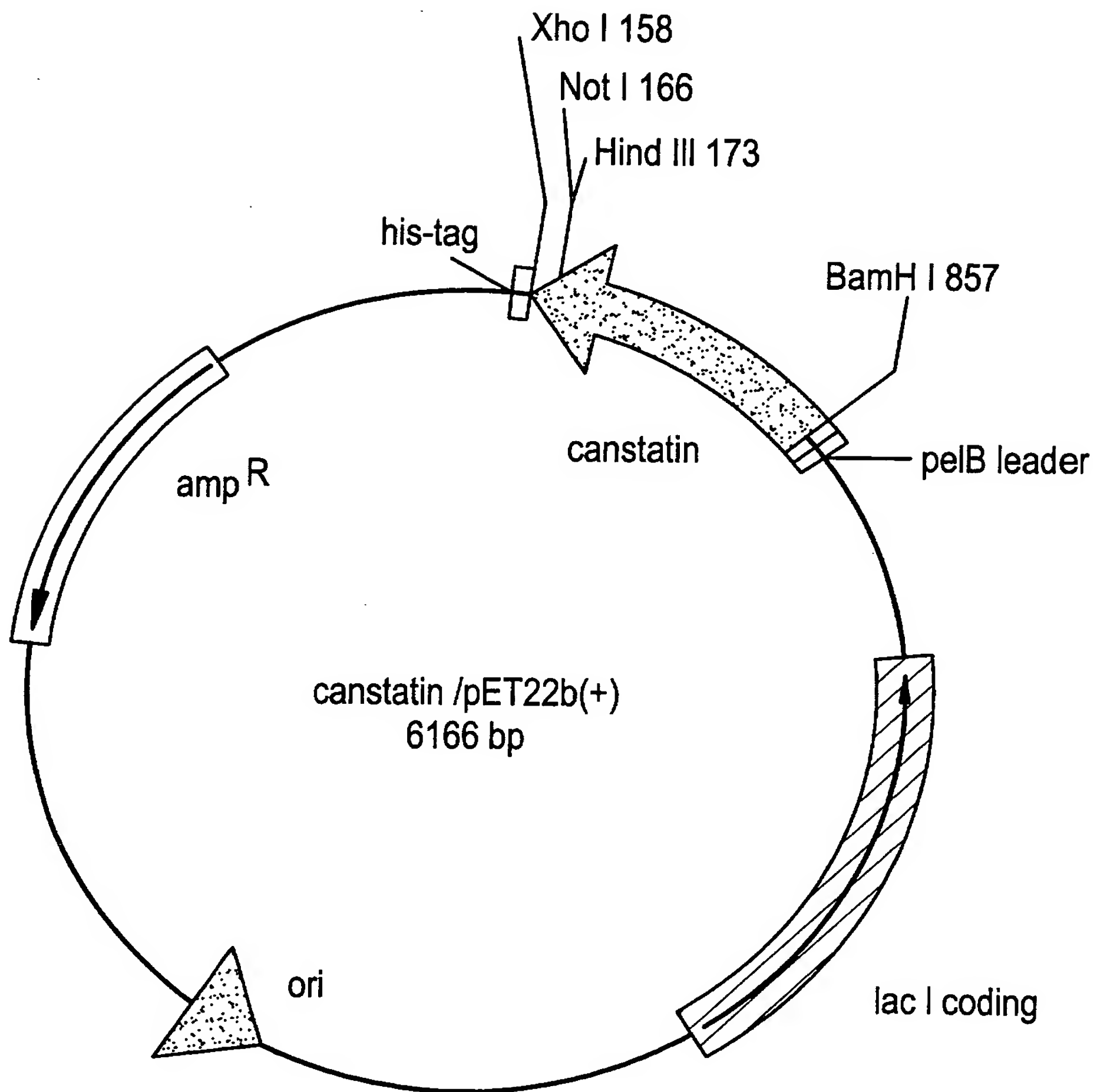
227

NL (SEQ ID NO:6)

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006  
Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof  
Inventors: Raghuram Kalluri

FIG. 12



Forward primer: 5'-cgggatcctgtcagcatcggctacctc-3'

Reverse primer: 5'-cccaagcttcagggttctcatgcacac-3'

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

FIG. 13A

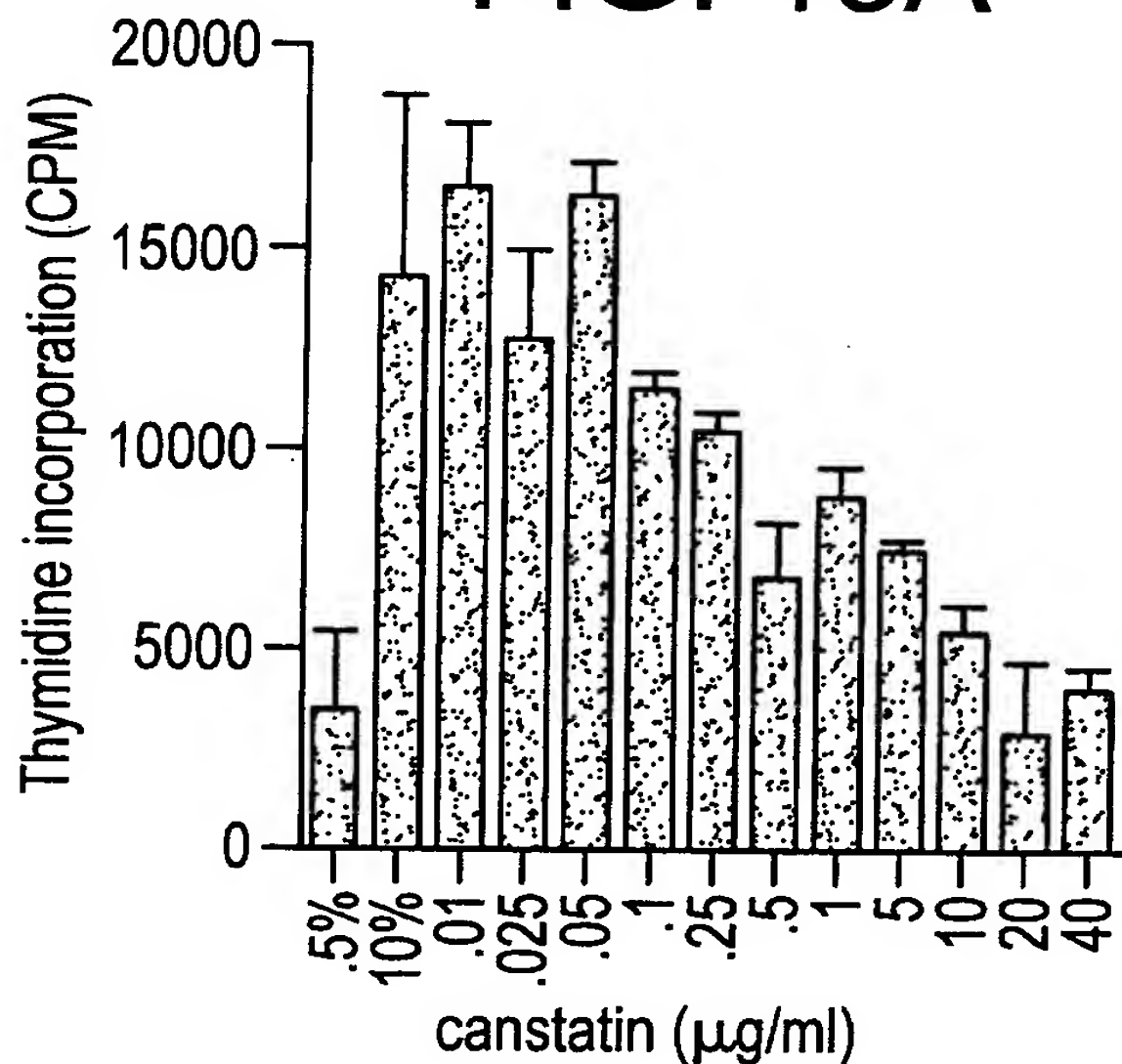


FIG. 13B

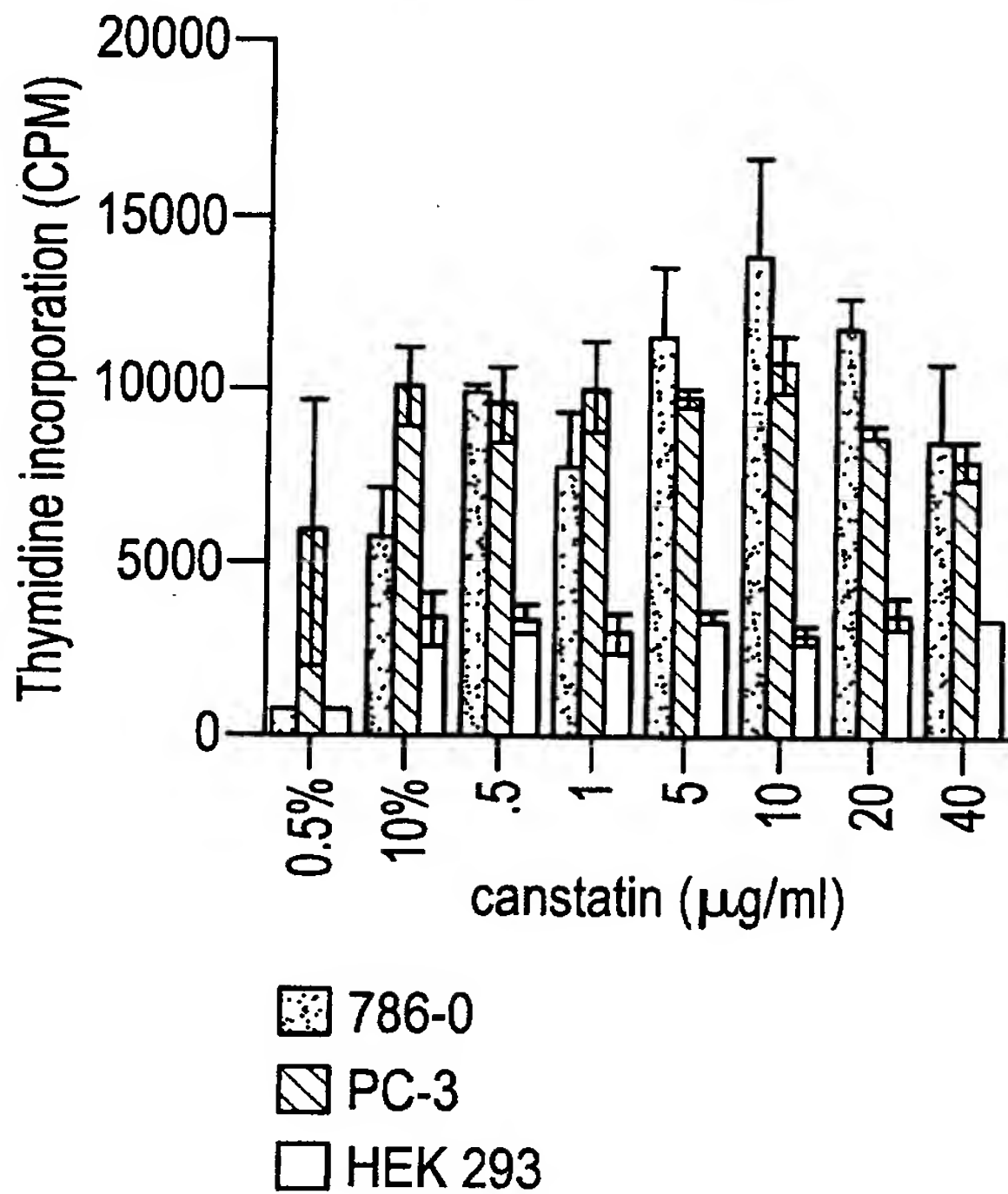


FIG. 13C

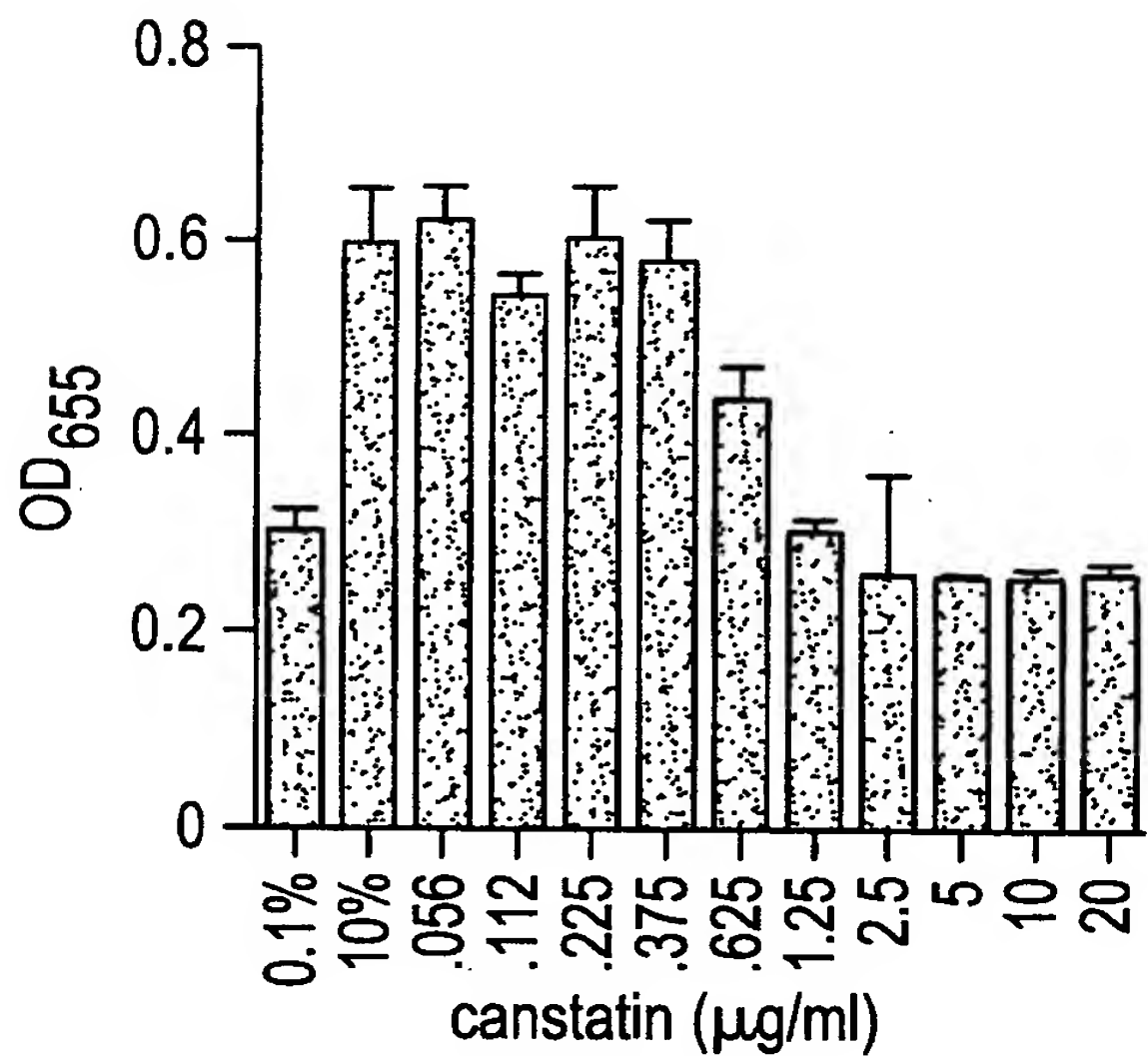
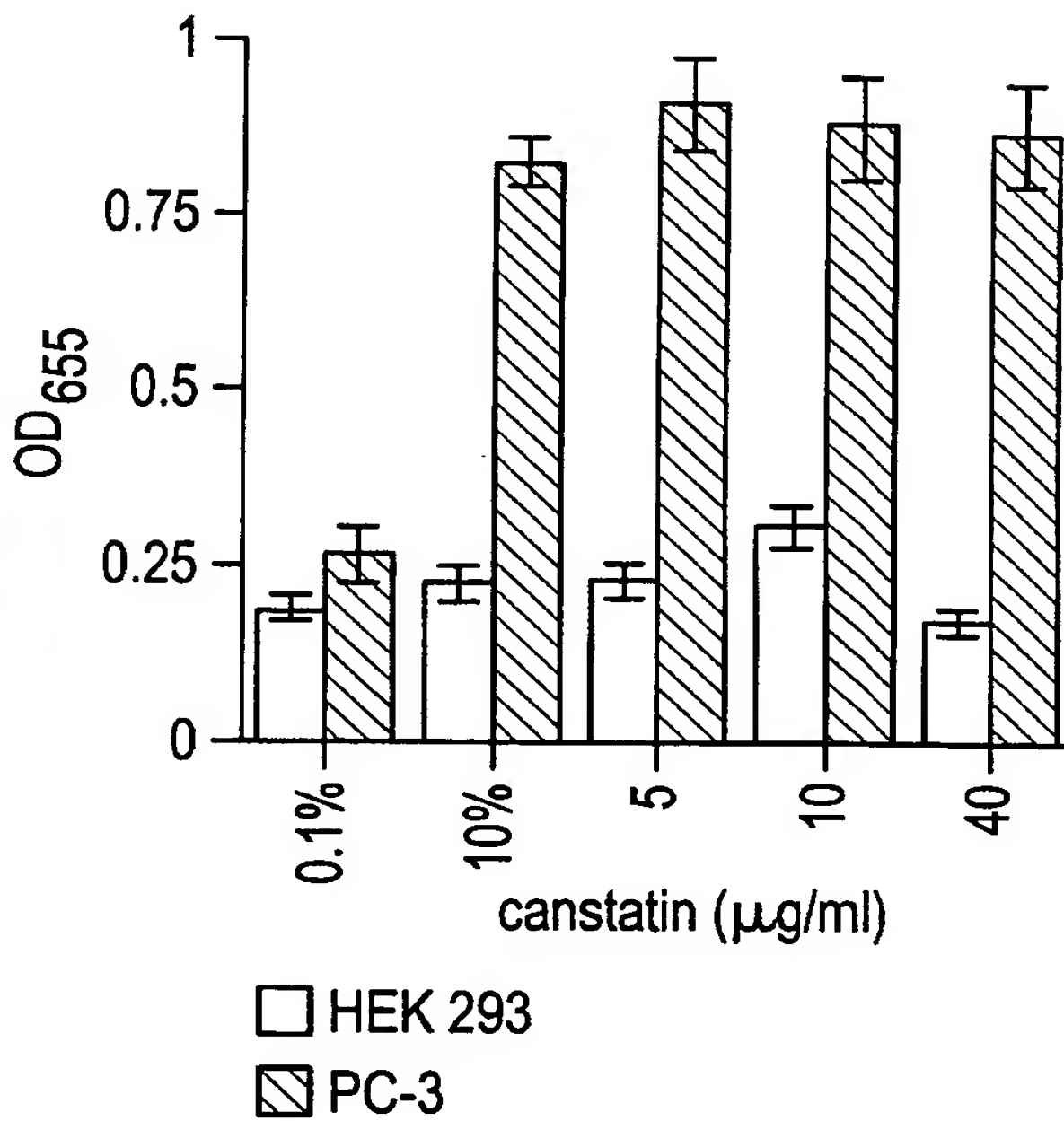


FIG. 13D





|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

FIG. 14

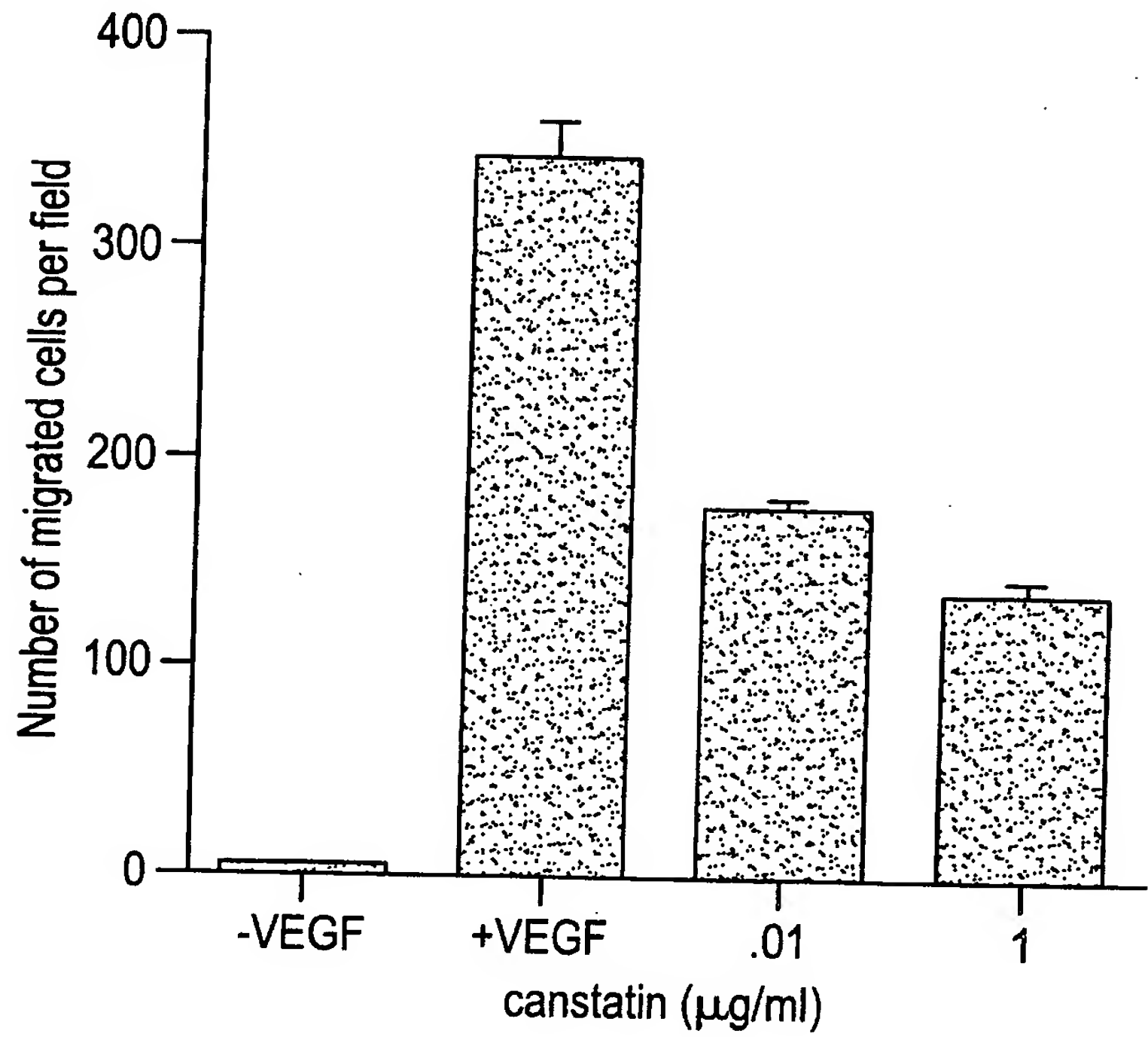
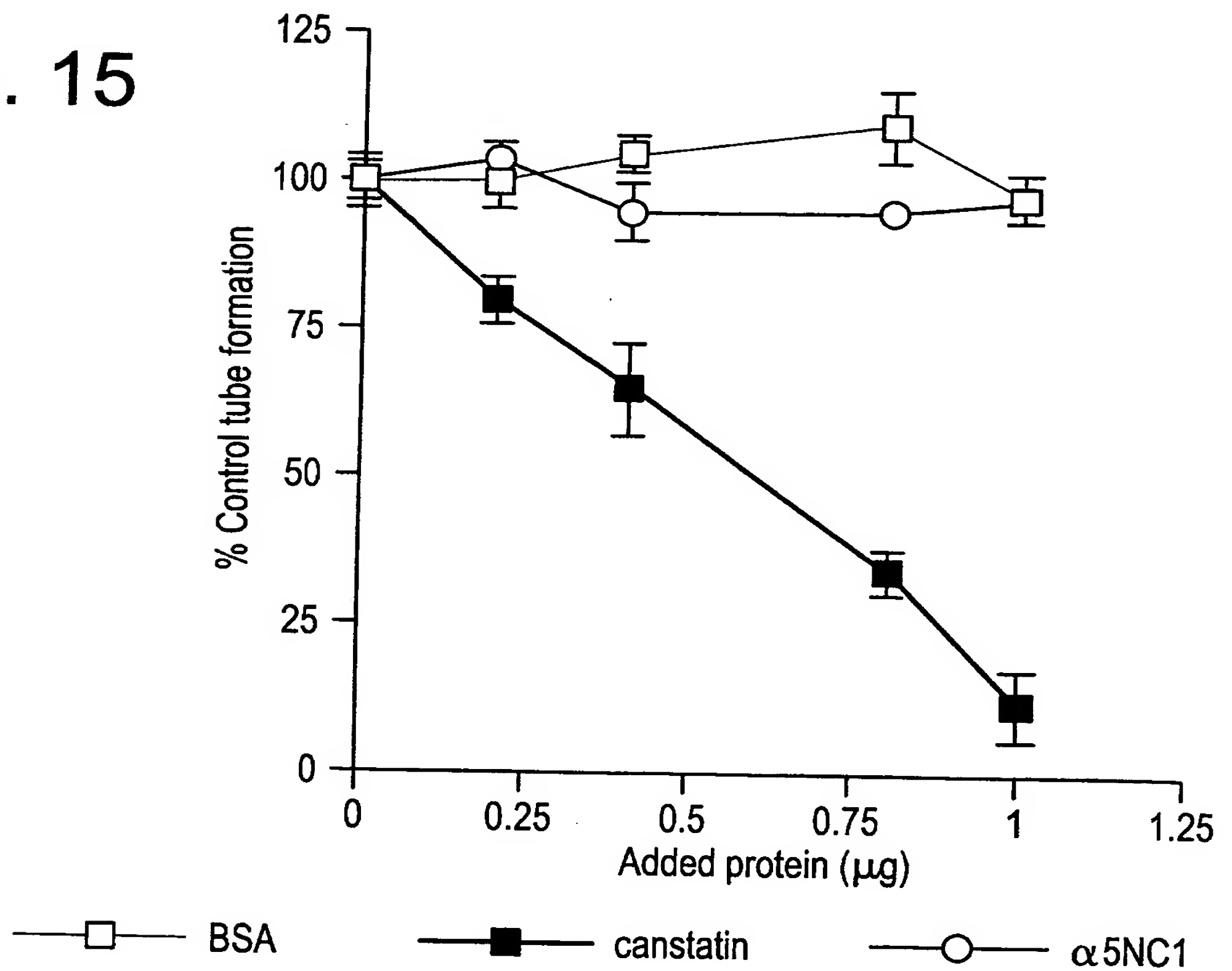


FIG. 15





|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Topic: Anti-Angiogenic Proteins and Fragments and Methods of Use

Inventors: Raghuram Kalluri

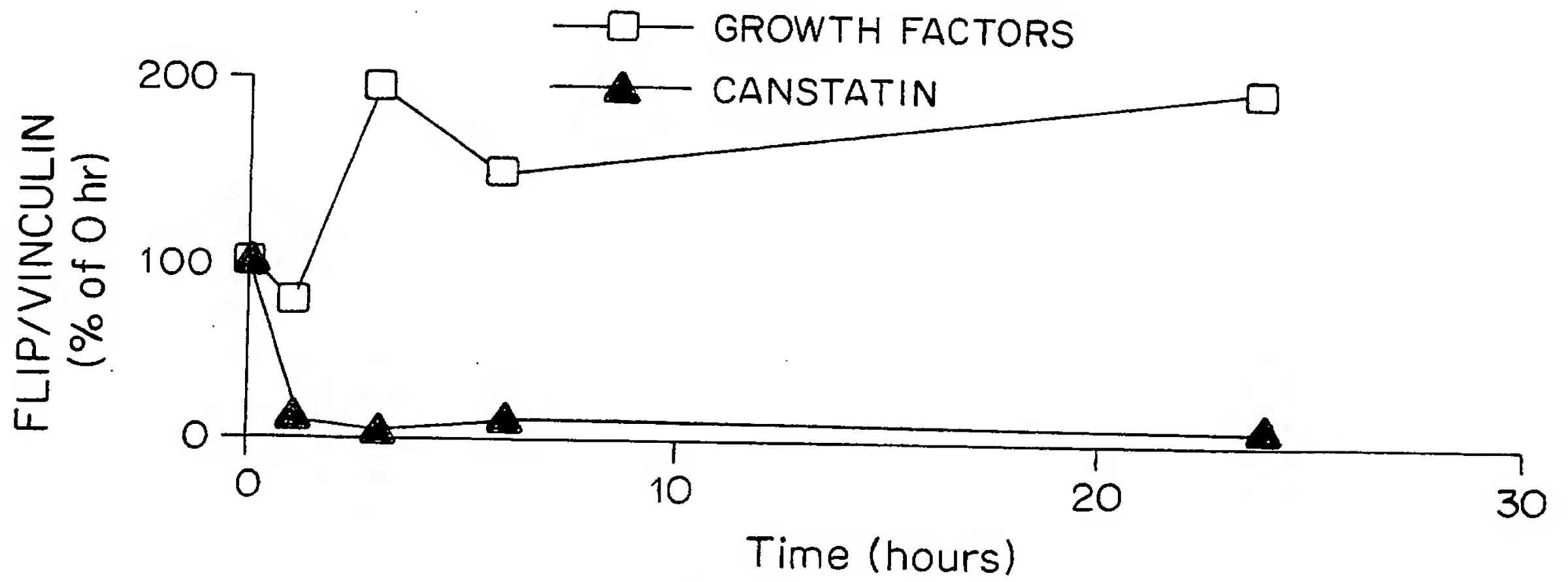


FIG. 16

|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS SUBCLASS |
| DRAFTSMAN |                |

Docket/App No.: 1440.1027-006  
Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof  
Inventors: Raghuram Kalluri

FIG. 17A

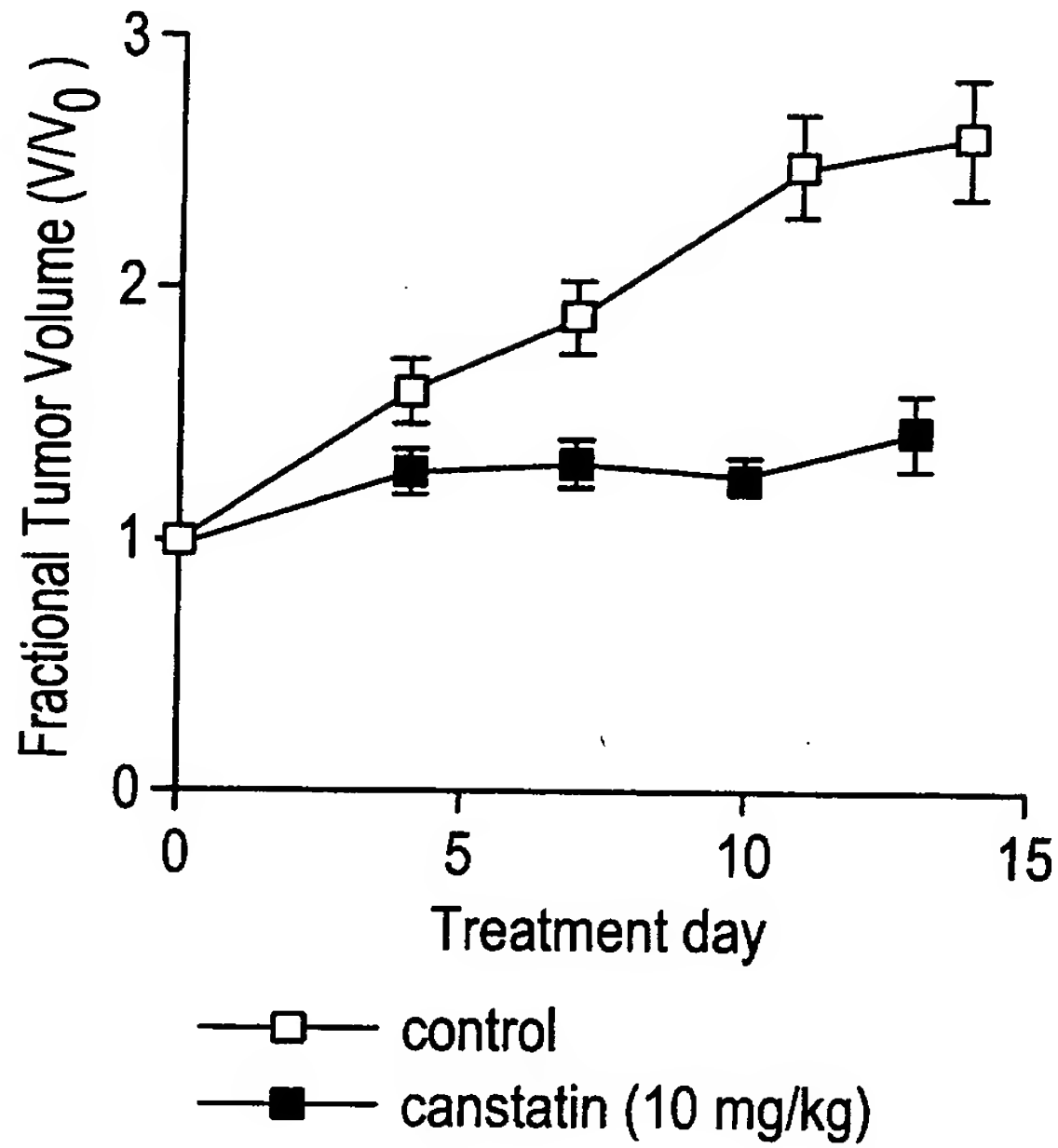


FIG. 17B

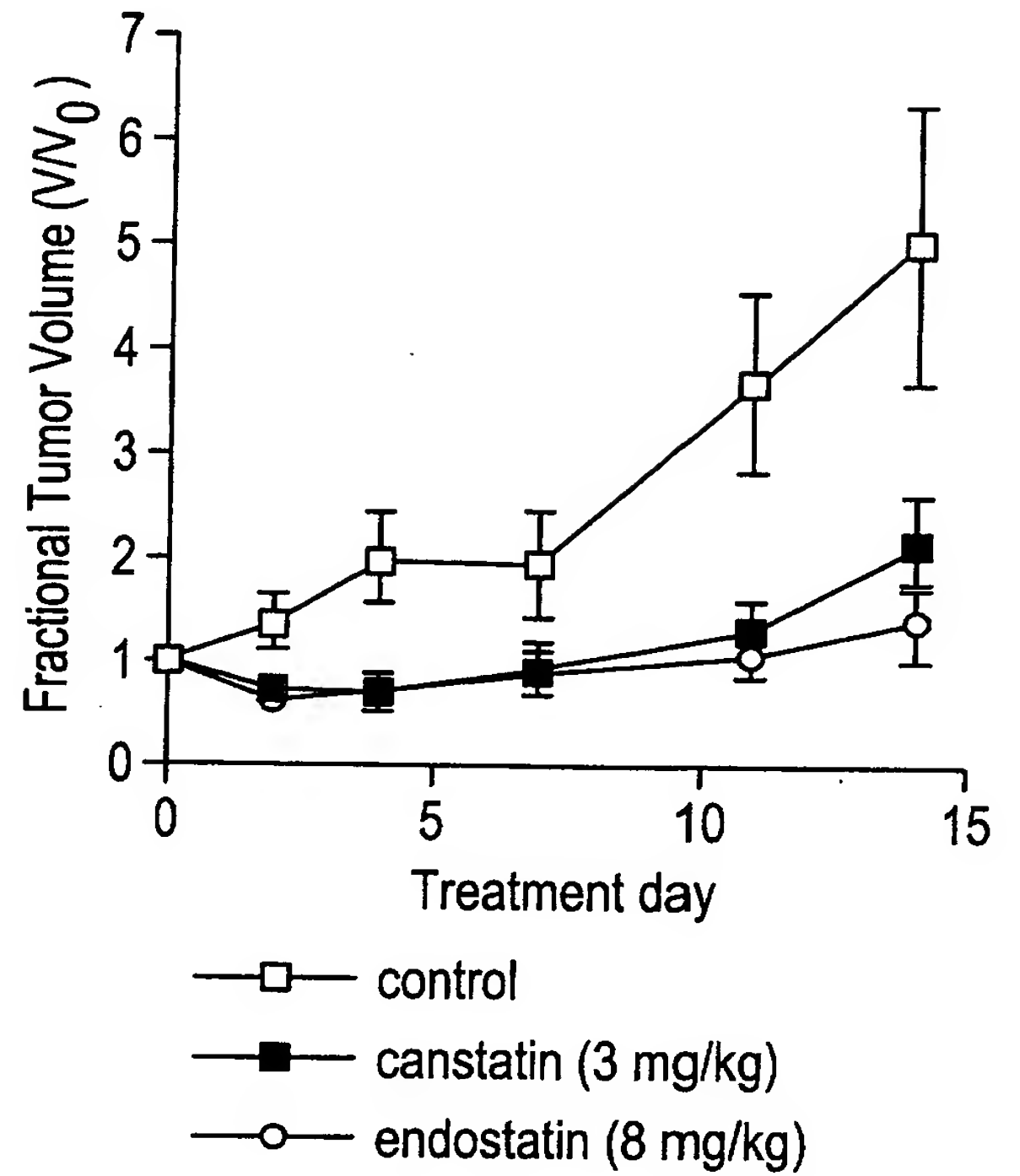


FIG. 17C

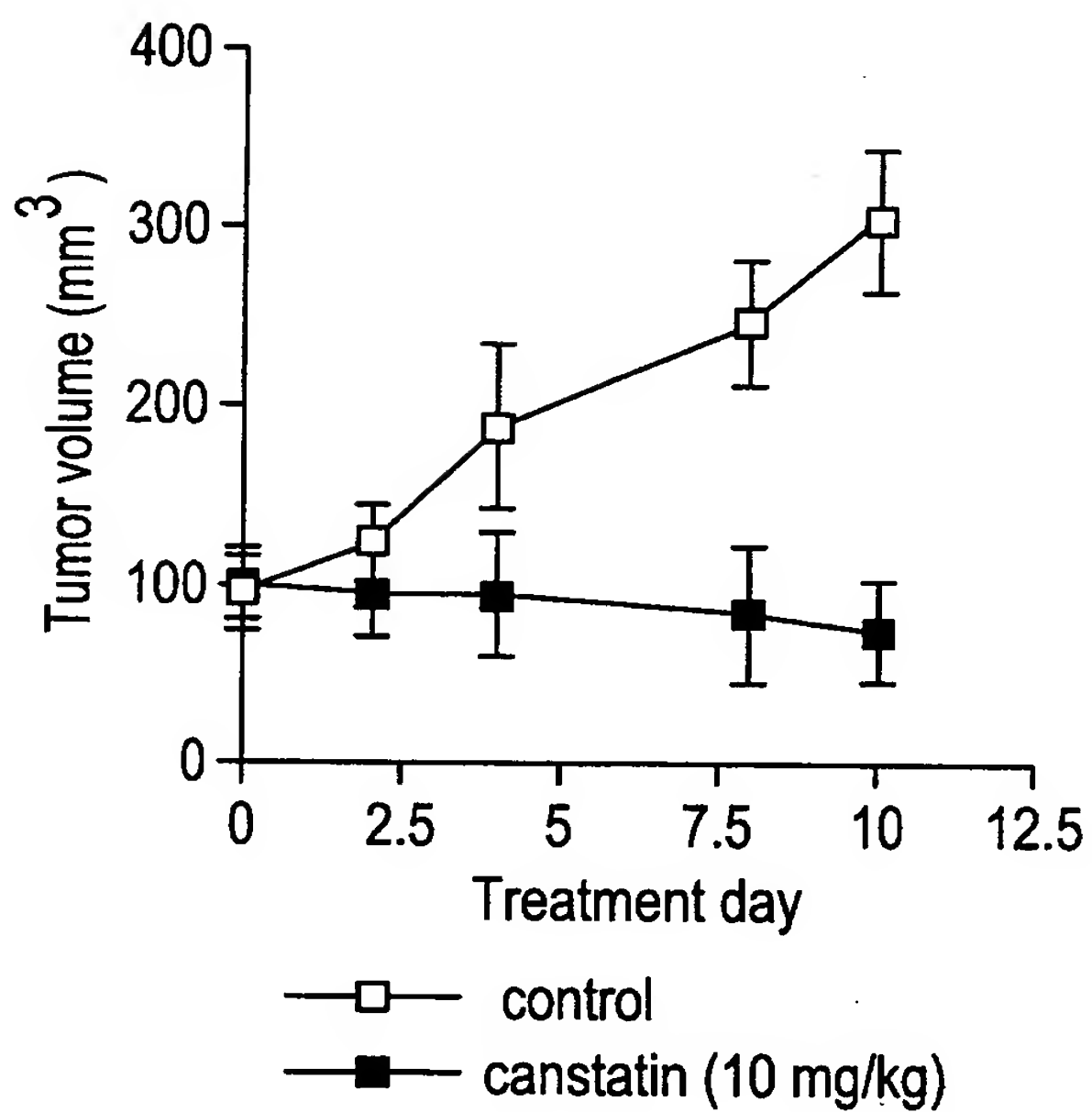
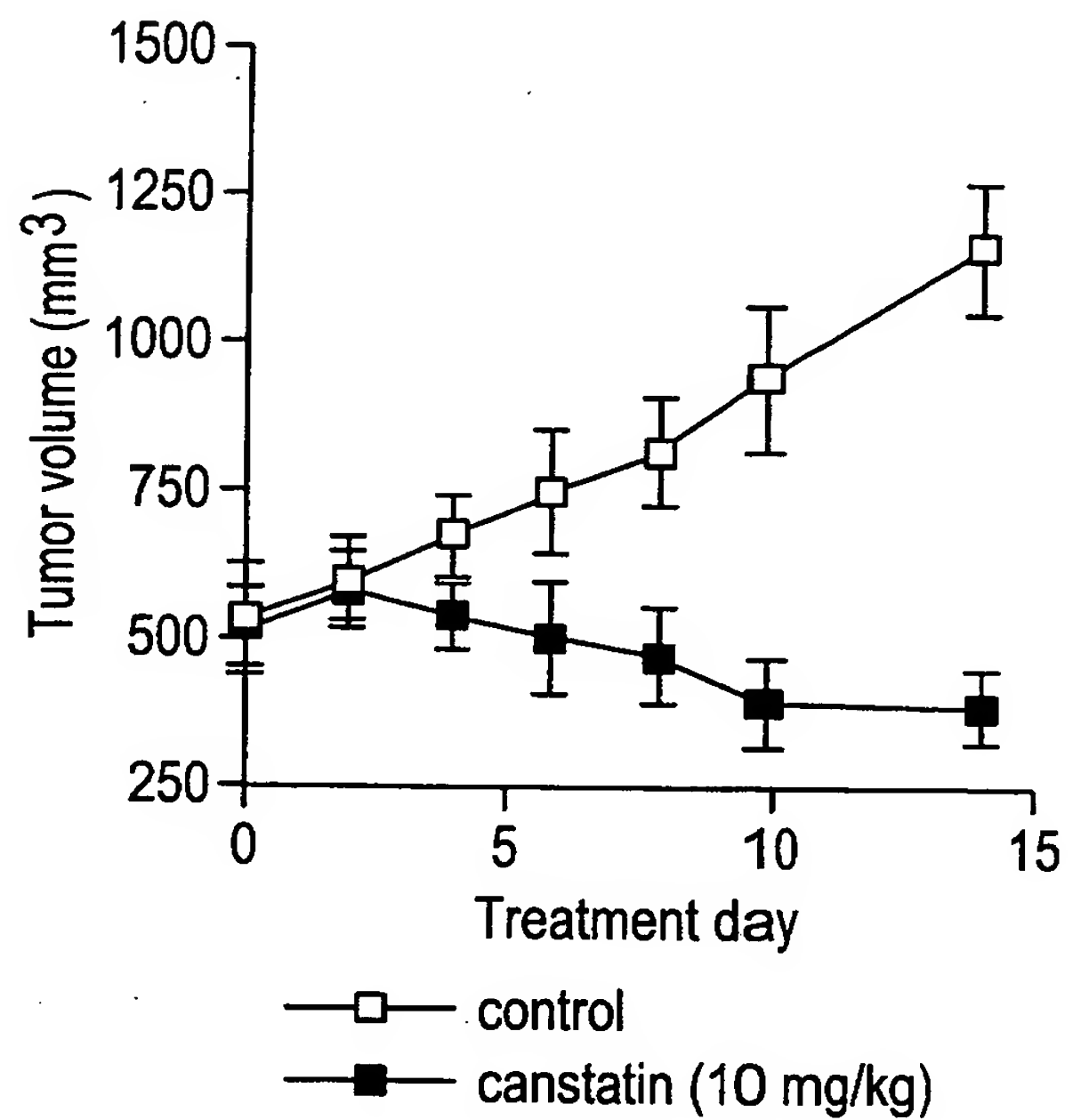


FIG. 17D



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use T

Inventors: Raghuram Kalluri

# FIG. 18A

pET22b(+) forward primer:

5'-CGGGAT CCA GGT TTG AAA GGA AAA CGT-3' (SEQ ID NO:11)

pET22b(+) reverse primer:

5'-CCCAAGCTT TCA GTG TCT TTT CTT CAT-3' (SEQ ID NO:12)

```

      5      10      15      20      25      30      35      40      45
cca ggt ttg aaa gga aaa cgt gga gac agt gga tca cct gca acc
      50      55      60      65      70      75      80      85      90
tgg aca acg aga ggc ttt gtc ttc acc cga cac agt caa acc aca
      95     100     105     110     115     120     125     130     135
gca att cct tca tgt cca gag ggg aca gtg cca ctc tac agt ggg
     140     145     150     155     160     165     170     175     180
ttt tct ttt ctt ttt gta caa gga aat caa cga gcc cac gga caa
     185     190     195     200     205     210     215     220     225
gac ctt gga act ctt ggc agc tgc ctg cag cga ttt acc aca atg
     230     235     240     245     250     255     260     265     270
cca ttc tta ttc tgc aat gtc aat gat gta tgt aat ttt gca tct
     275     280     285     290     295     300     305     310     315
cga aat gat tat tca tac tgg ctg tca aca cca gct ctg atg cca
     320     325     330     335     340     345     350     355     360
atg aac atg gct ccc att act ggc aga gcc ctt gag cct tat ata
     365     370     375     380     385     390     395     400     405
agc aga tgc act gtt tgt gaa ggt cct gcg atc gcc ata gcc gtt
     410     415     420     425     430     435     440     445     450
cac agc caa acc act gac att cct cca tgt cct cac ggc tgg att
     455     460     465     470     475     480     485     490     495
tct ctc tgg aaa gga ttt tca ttc atc atg ttc aca agt gca ggt
     500     505     510     515     520     525     530     535     540
tct gag ggc acc ggg caa gca ctg gcc tcc cct ggc tcc tgc ctg
     545     550     555     560     565     570     575     580     585
gaa gaa ttc cga gcc agc cca ttt cta gaa tgt cat gga aga gga
     590     595     600     605     610     615     620     625     630
acg tgc aac tac tat tca aat tcc tac agt ttc tgg ctg gct tca
     635     640     645     650     655     660     665     670     675
tta aac cca gaa aga atg ttc aga aag cct att cca tca act gtg
     680     685     690     695     700     705     710     715     720
aaa gct ggg gaa tta gaa aaa ata ata agt cgc tgt cag gtg tgc
     725     730     735
atg aag aaa aga cac tga (SEQ ID NO:9)

```

pET22b-α3(IV) NC1 = nucleotides 4 through 735

Tumstatin 333 = nucleotides 4 through 375

Tumstatin 334 - nucleotide 376 through 735

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006  
 Title: Anti-Angiogenic Proteins and Fragments and Methods of Use T1  
 Inventors: Raghuram Kalluri

## FIG. 18B

\*  
 5 10 15 20 25 30 35 40 45  
 PGL KGK RGD SGS PAT WTT RGF VFT RHS QTT AIP SCP EGT VPL YSG

50 55 60 65 70 75 80 85 90  
 FSF LFV QGN QRA HGQ DLG TLG SCL QRF TTM PFL FCN VND VCN FAS

\*+  
 95 100 105 110 115 120 125 130 135  
 RND YSY WLS TPA LMP MNM API TGR ALE PYI SRC TVC EGP AIA IAV

140 145 150 155 160 165 170 175 180  
 HSQ TTD IPP CPH GWI SLW KGF SFI MFT SAG SEG TGQ ALA SPG SCL

185 190 195 200 205 210 215 220 225  
 EEF RAS PFL ECH GRG TCN YYS NSY SFW LAS LNP ERM FRK PIP STV

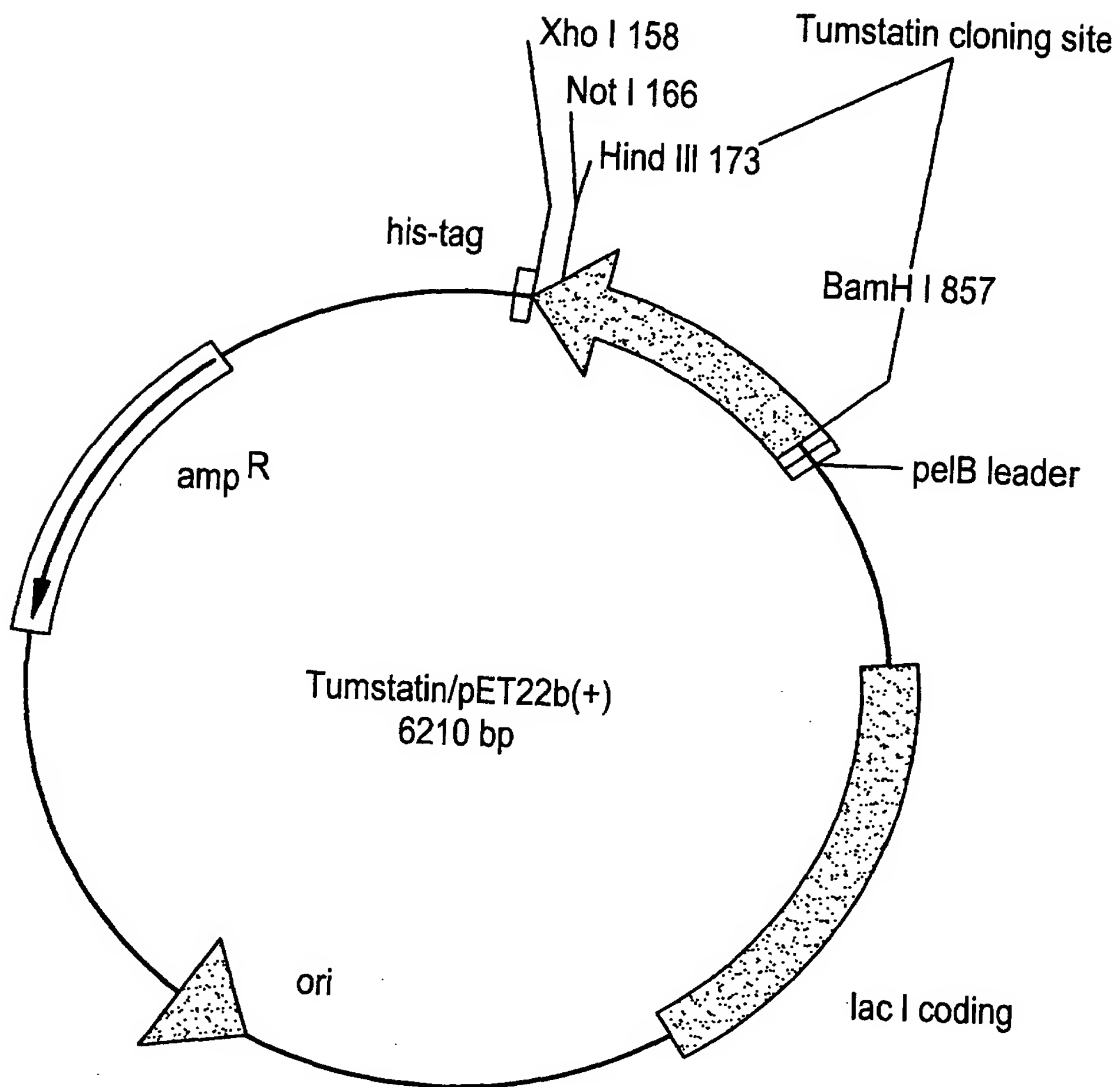
+  
 230 235 240 245  
 KAG ELE KII SRC QVC MKK RH (SEQ ID NO:10)

pET22b  $\alpha$ 3(IV) NC1 = residues 2 through 245  
 Tumstatin 333 = residues 2 through 125  
 Tumstatin 334 = residues 126 through 245

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

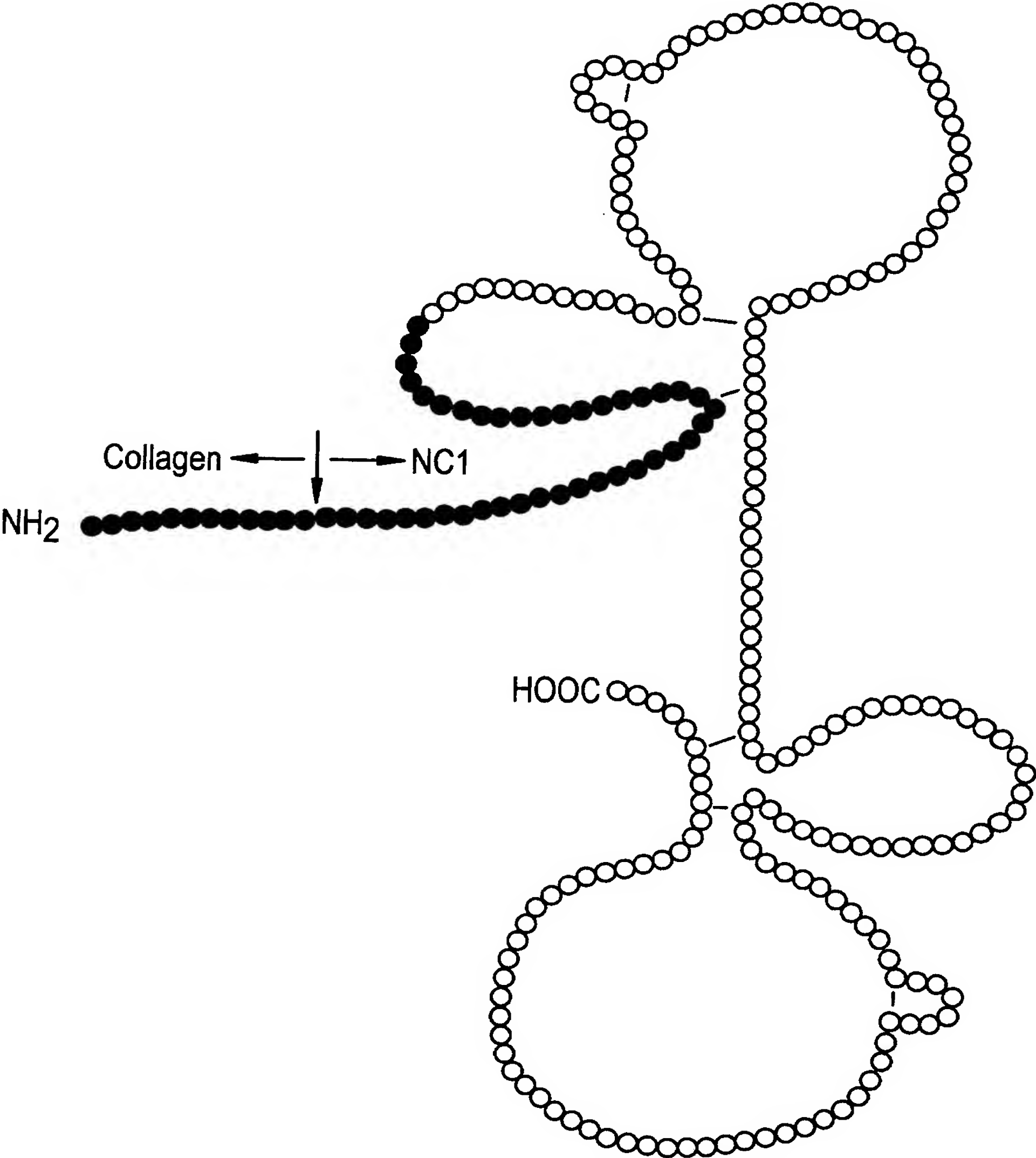
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 Inventors: Raghuram Kalluri

FIG. 19



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 20



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 21C

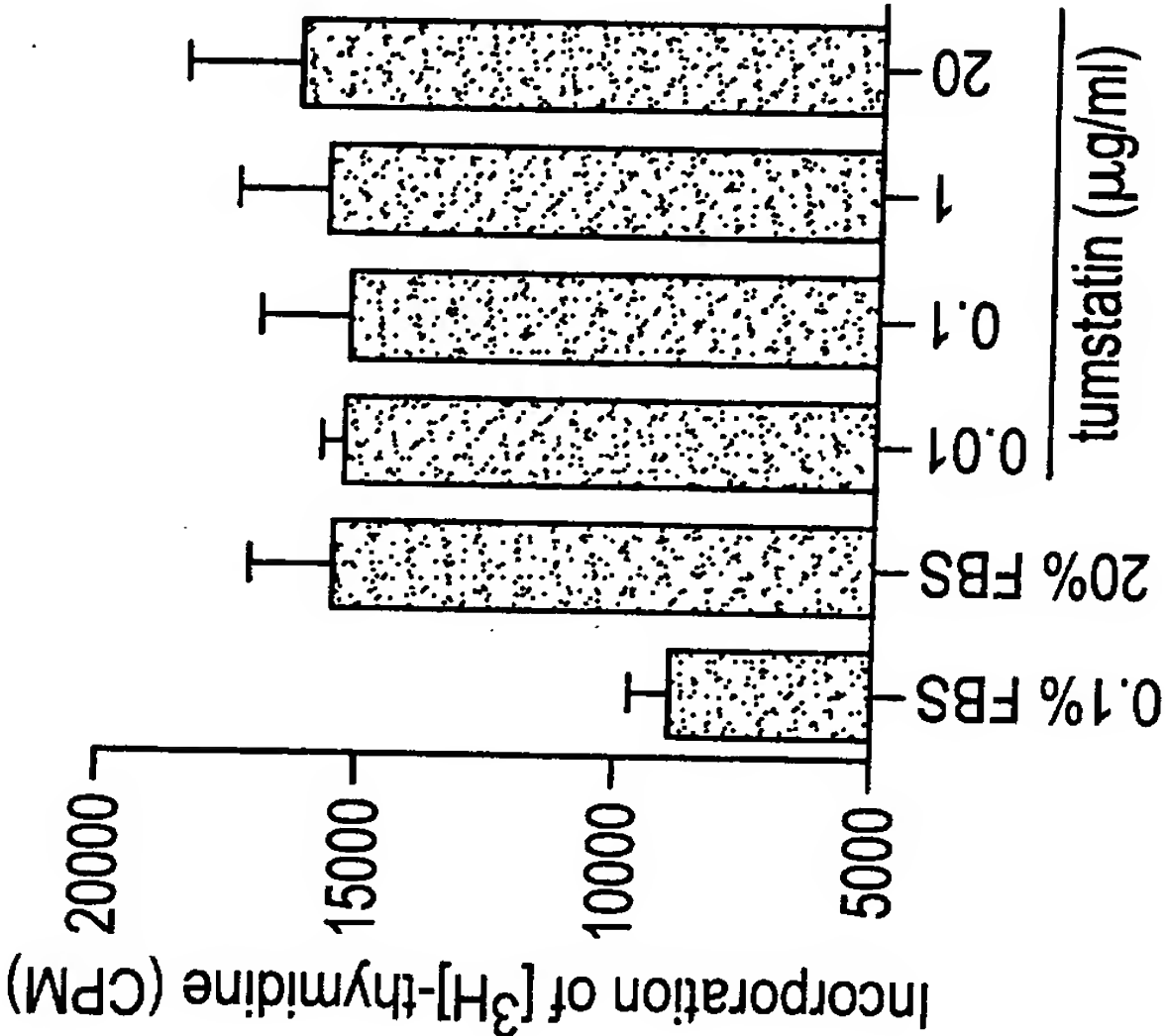


FIG. 21B

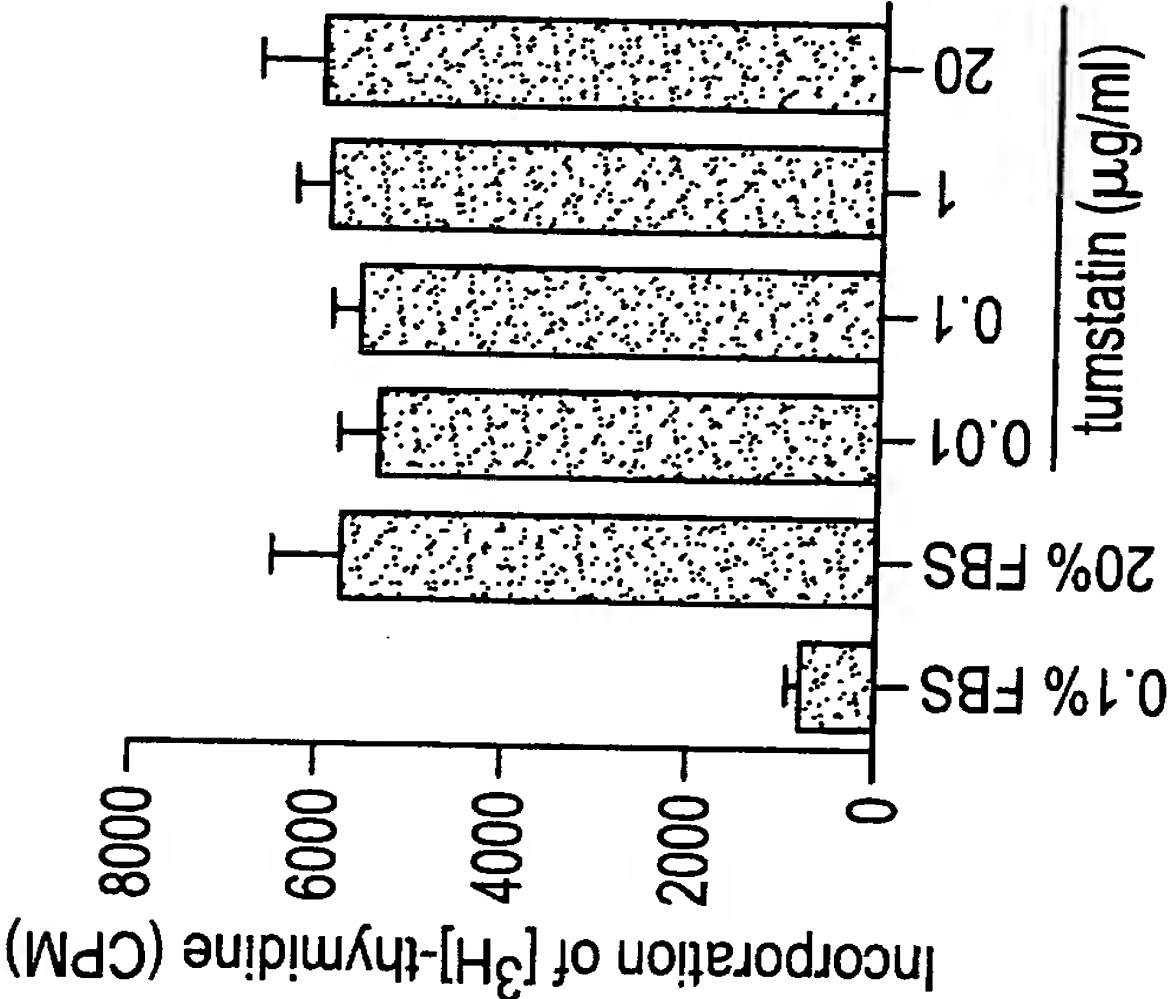
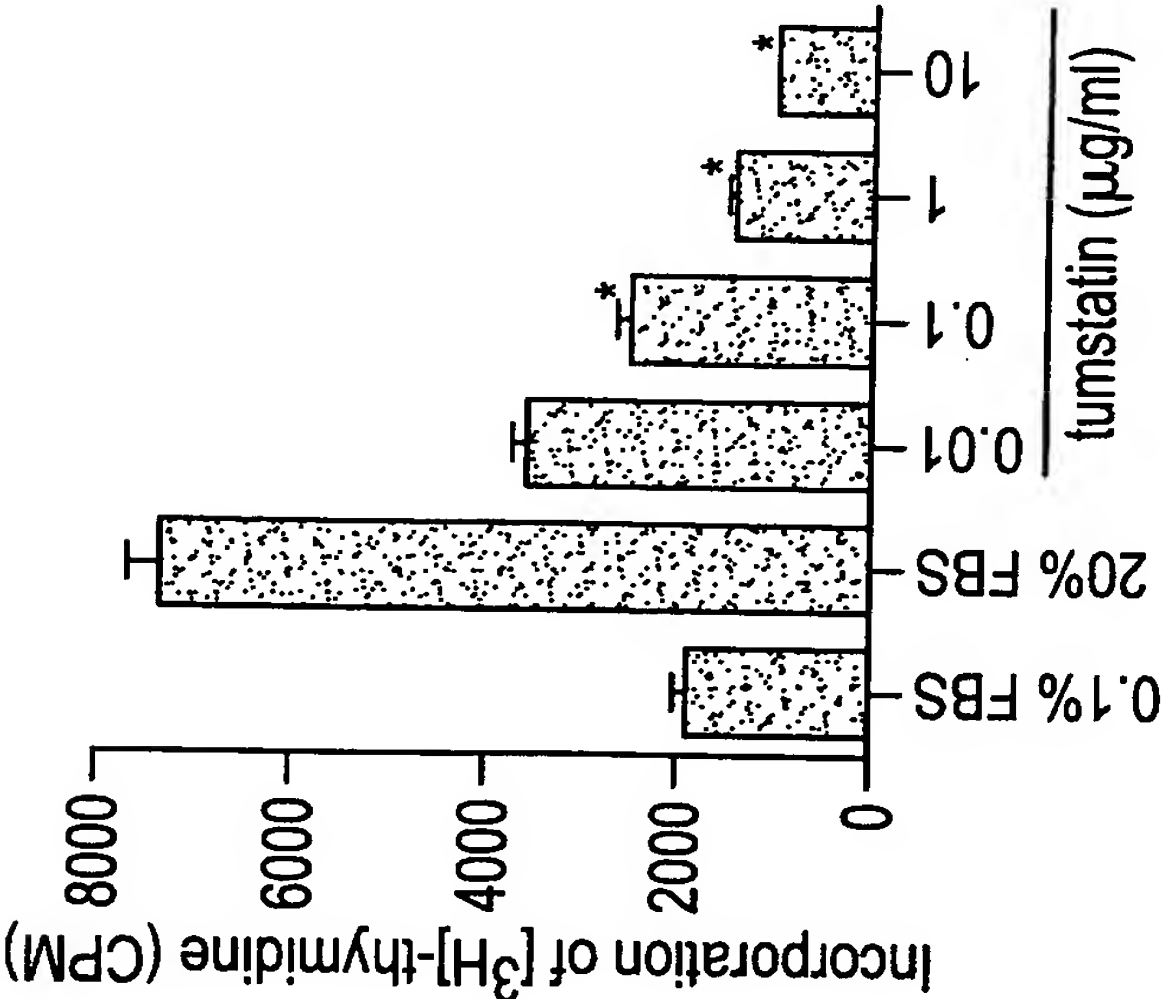


FIG. 21A



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

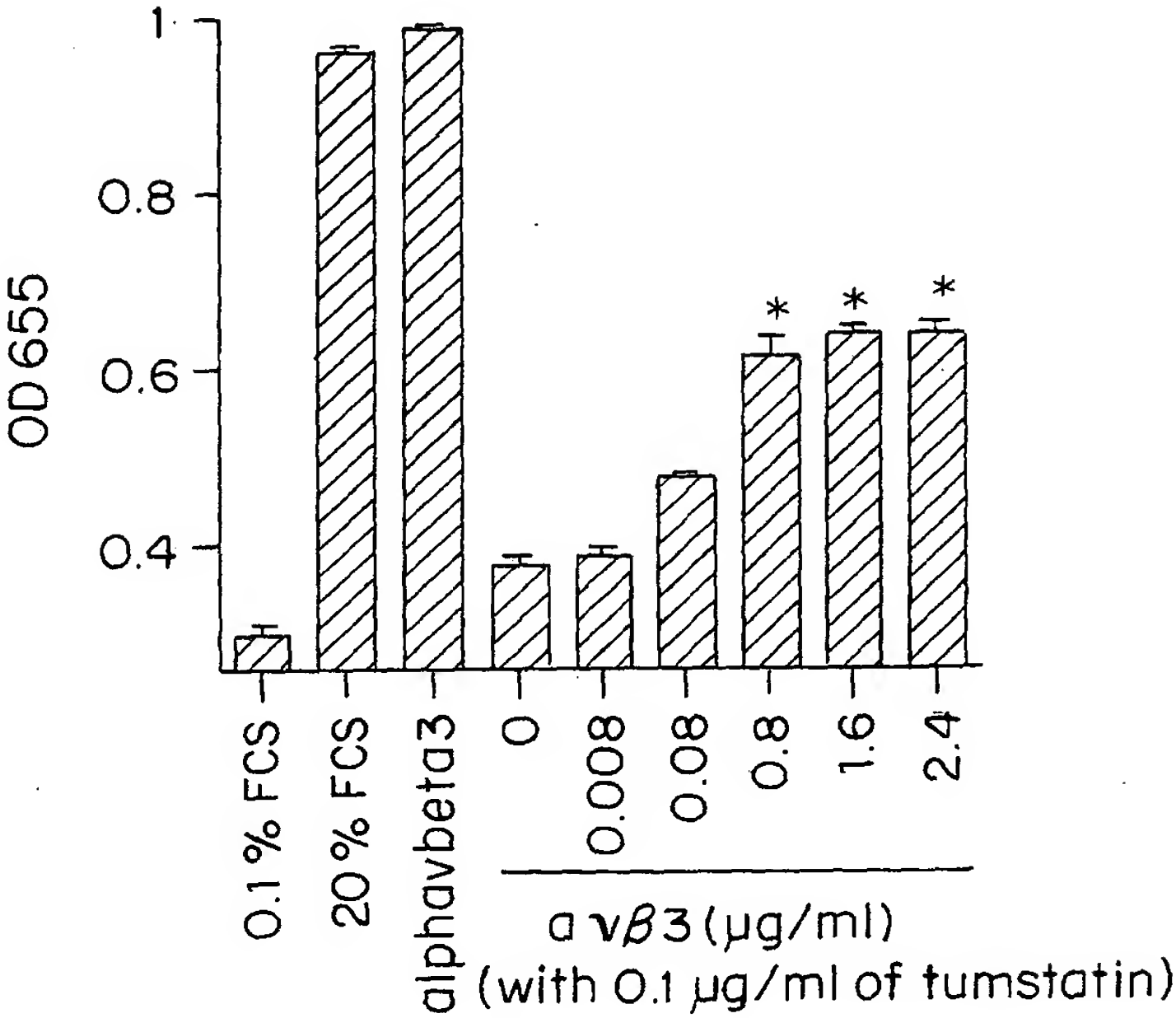


FIG. 22

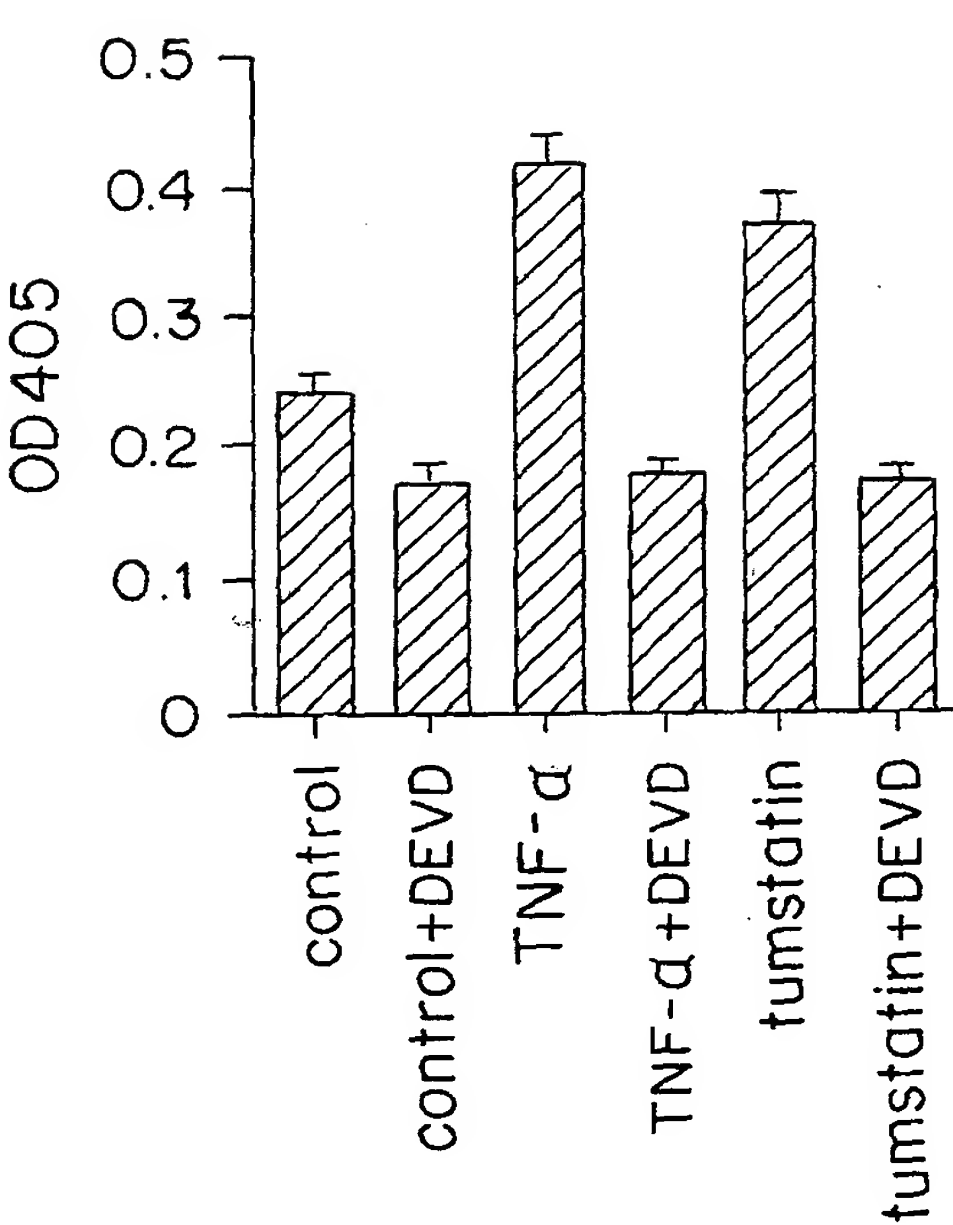


FIG. 23A

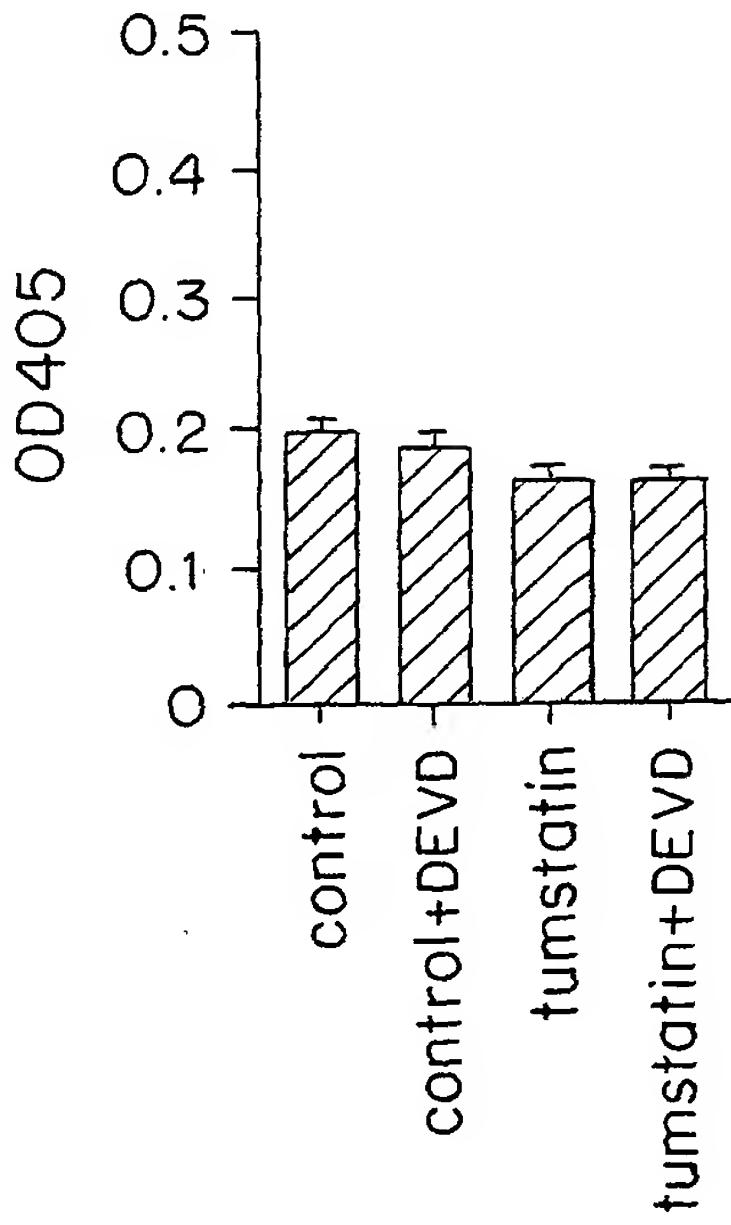


FIG. 23B



|           |       |       |
|-----------|-------|-------|
| APPROVED  | CLASS | CLASS |
| BY        |       |       |
| DRAFTSMAN |       |       |

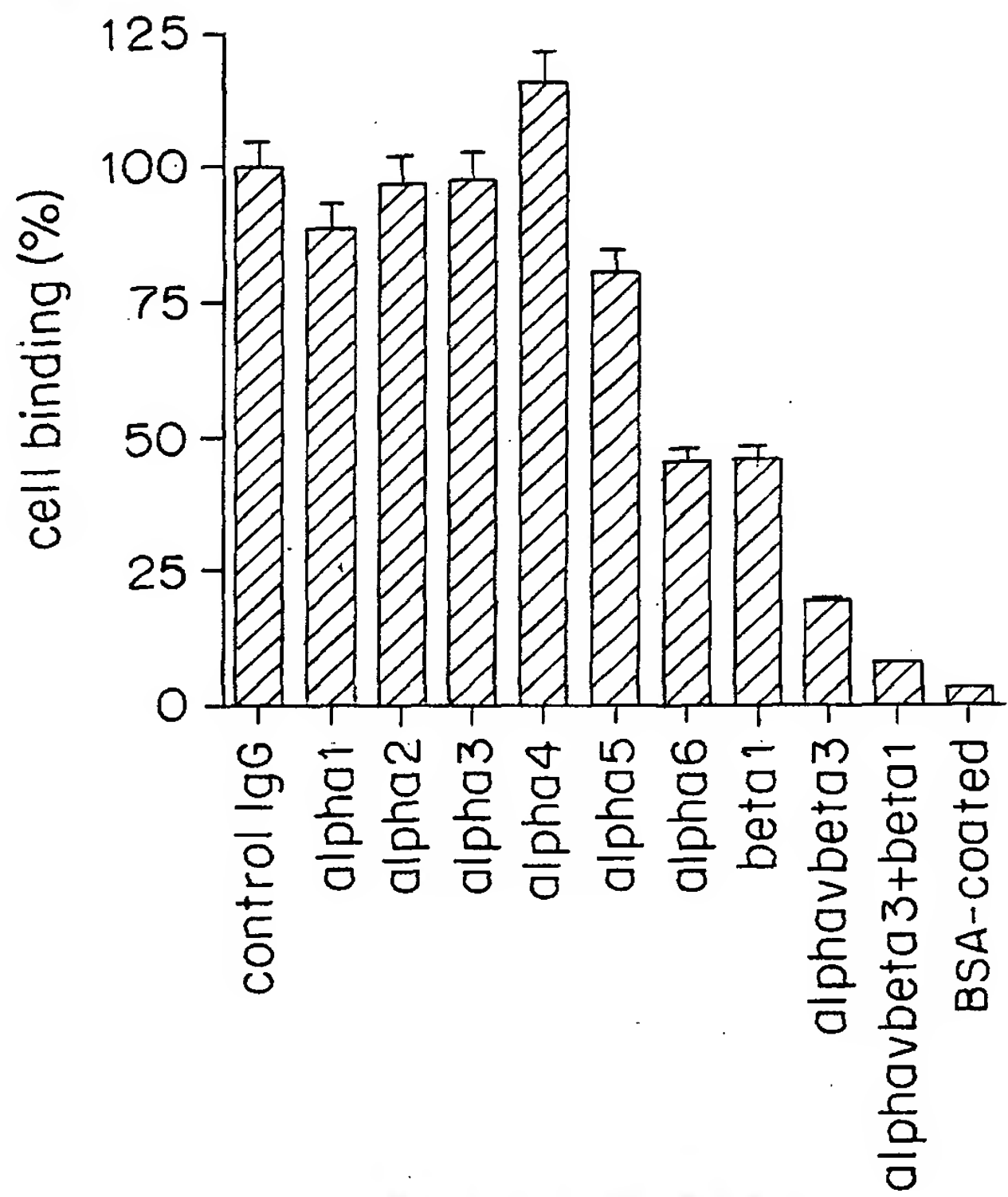


FIG. 24A

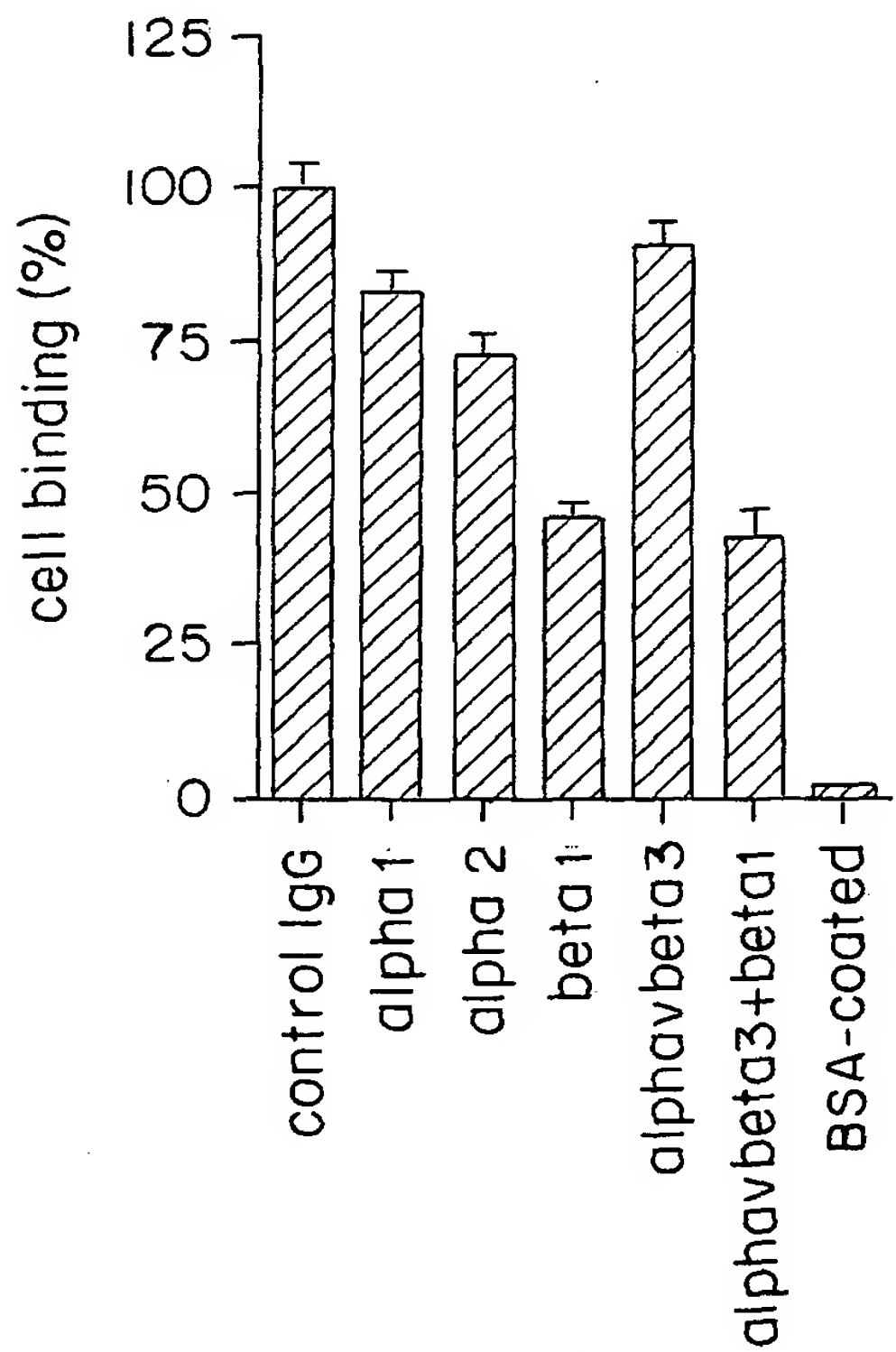


FIG. 24B

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Inventors: Raghuram Kalluri

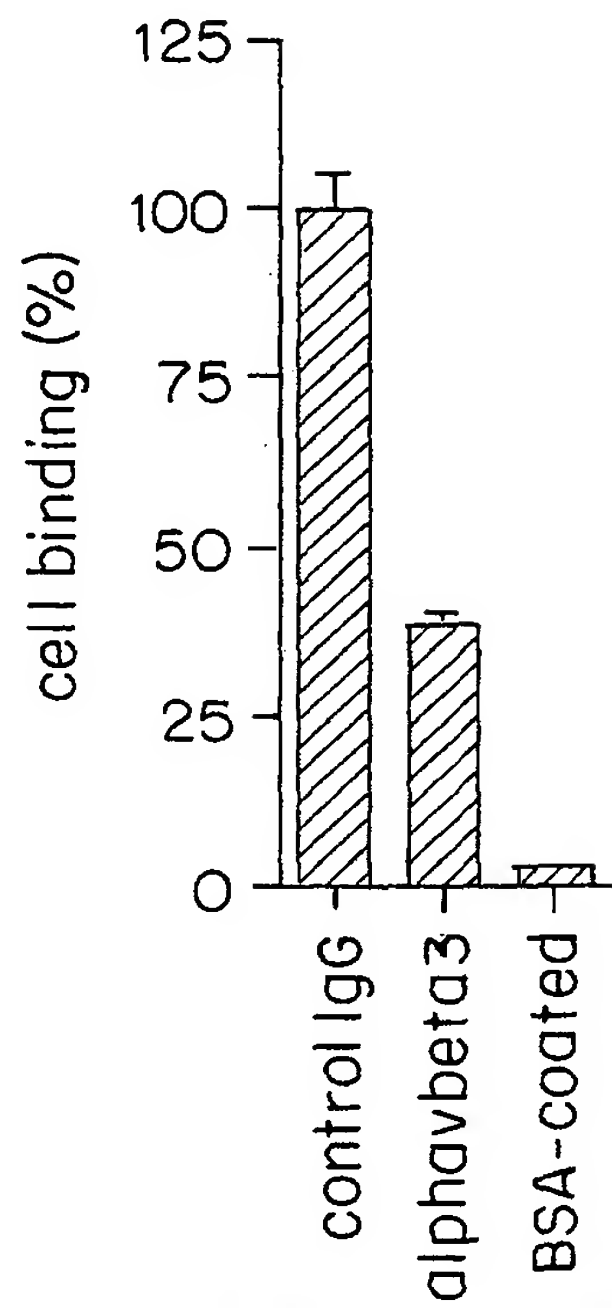


FIG. 24C

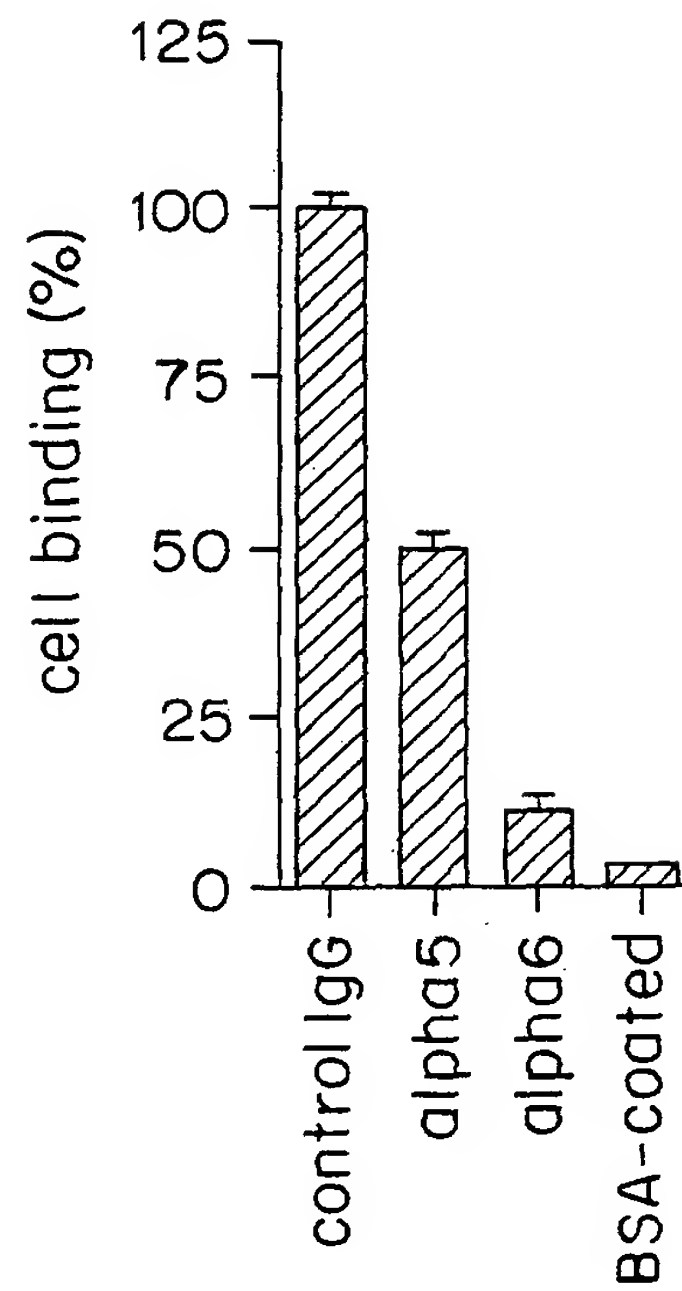


FIG. 24D

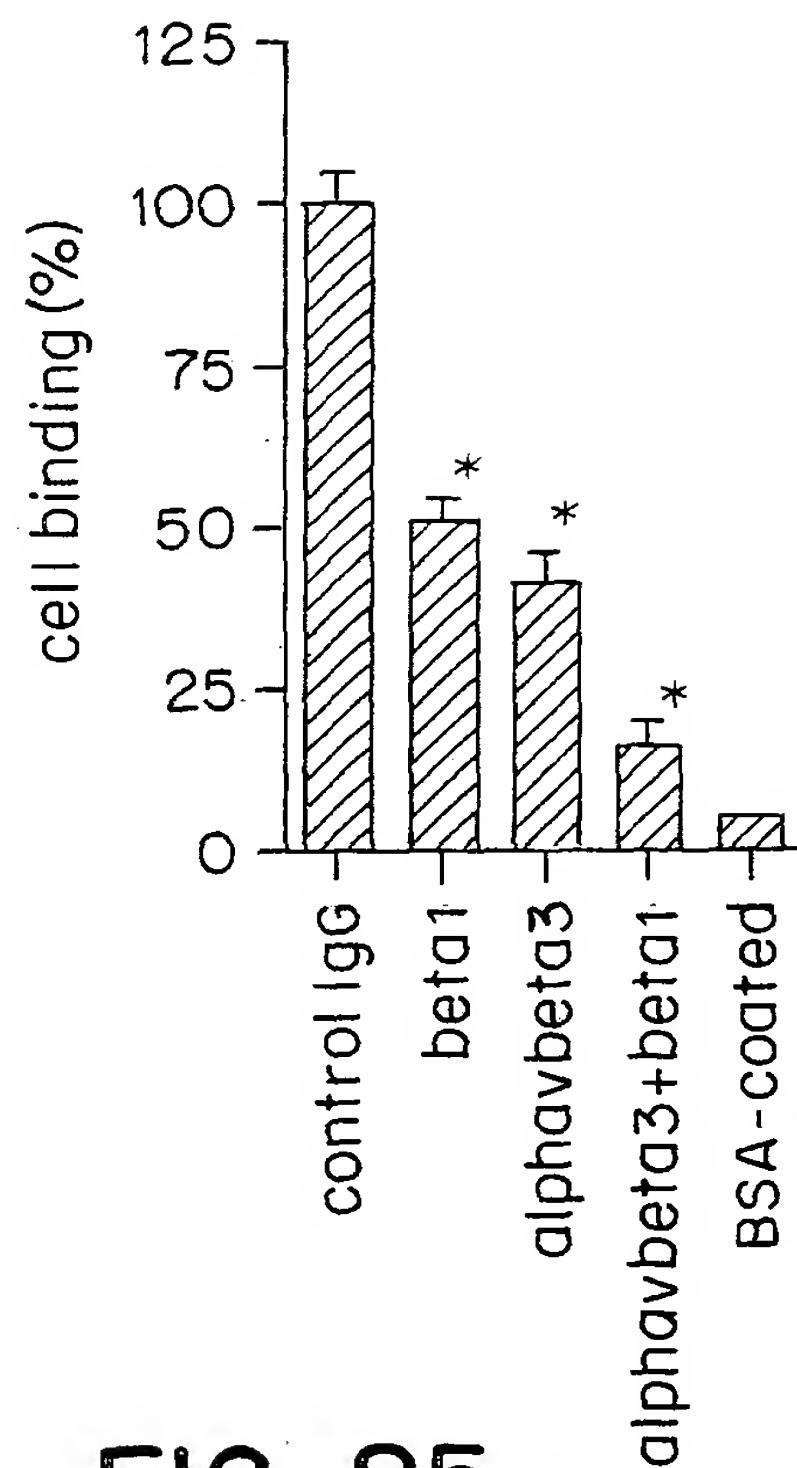


FIG. 25

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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 Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Th  
 Inventors: Raghuram Kalluri

FIG. 26

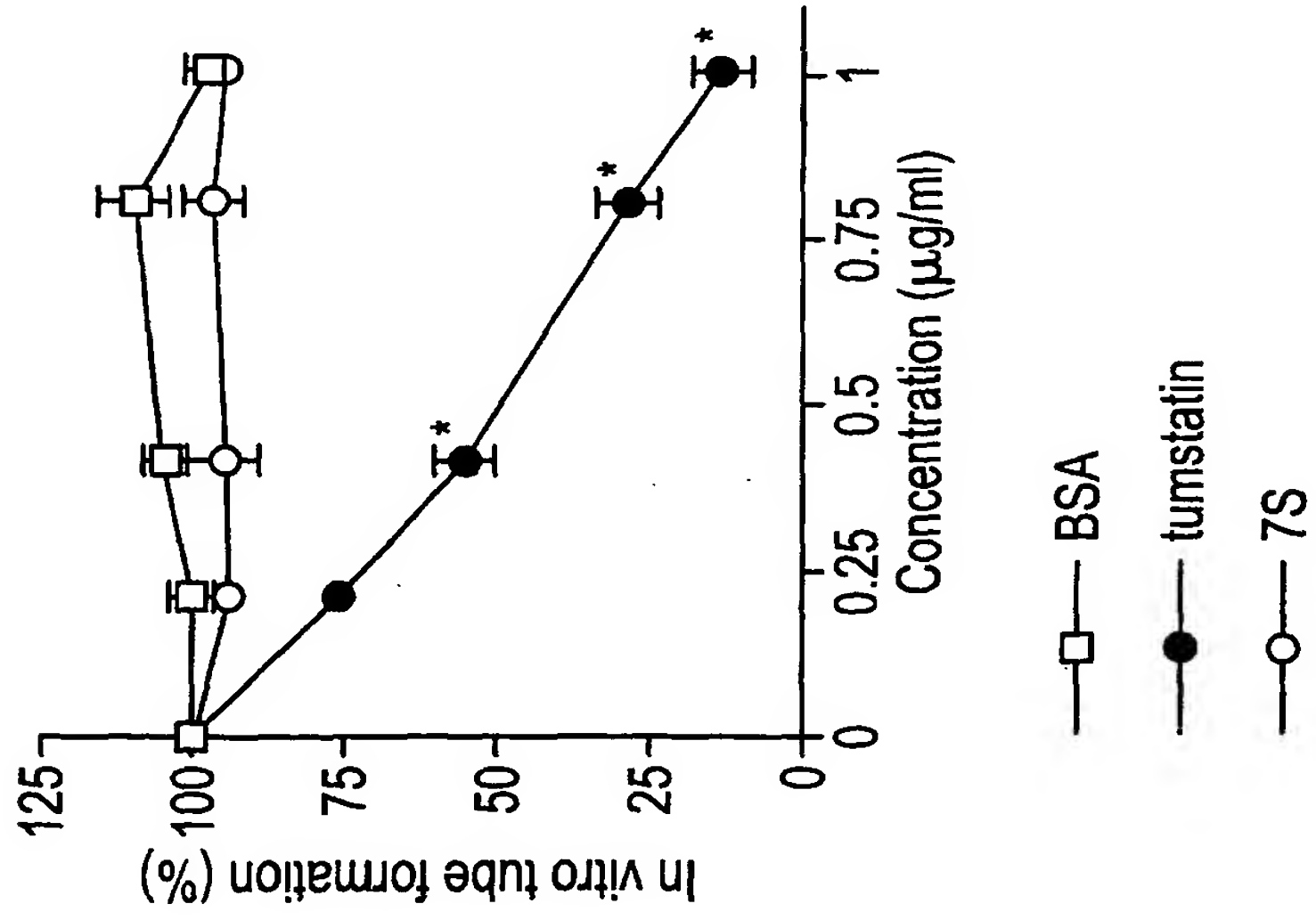


FIG. 27A

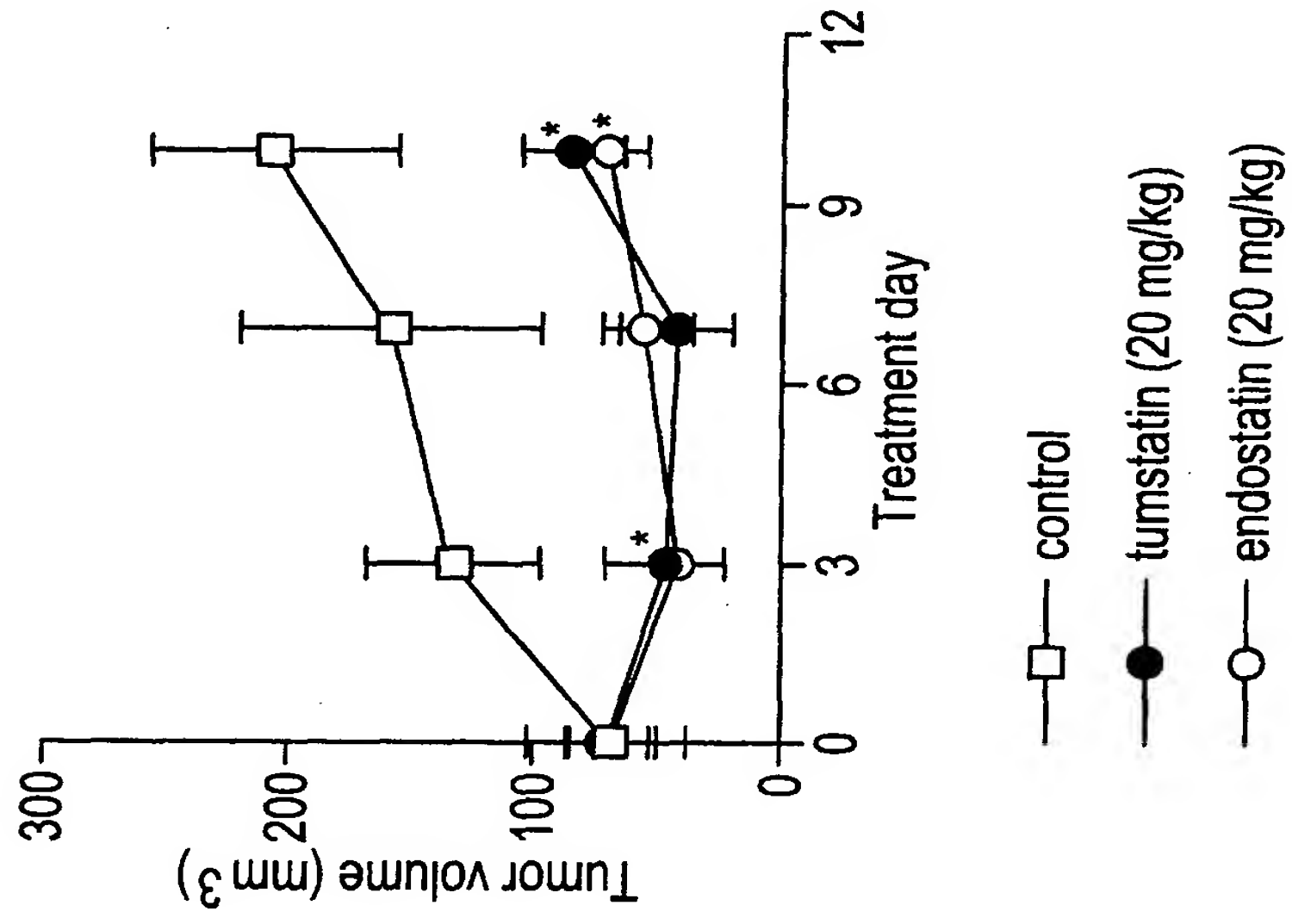
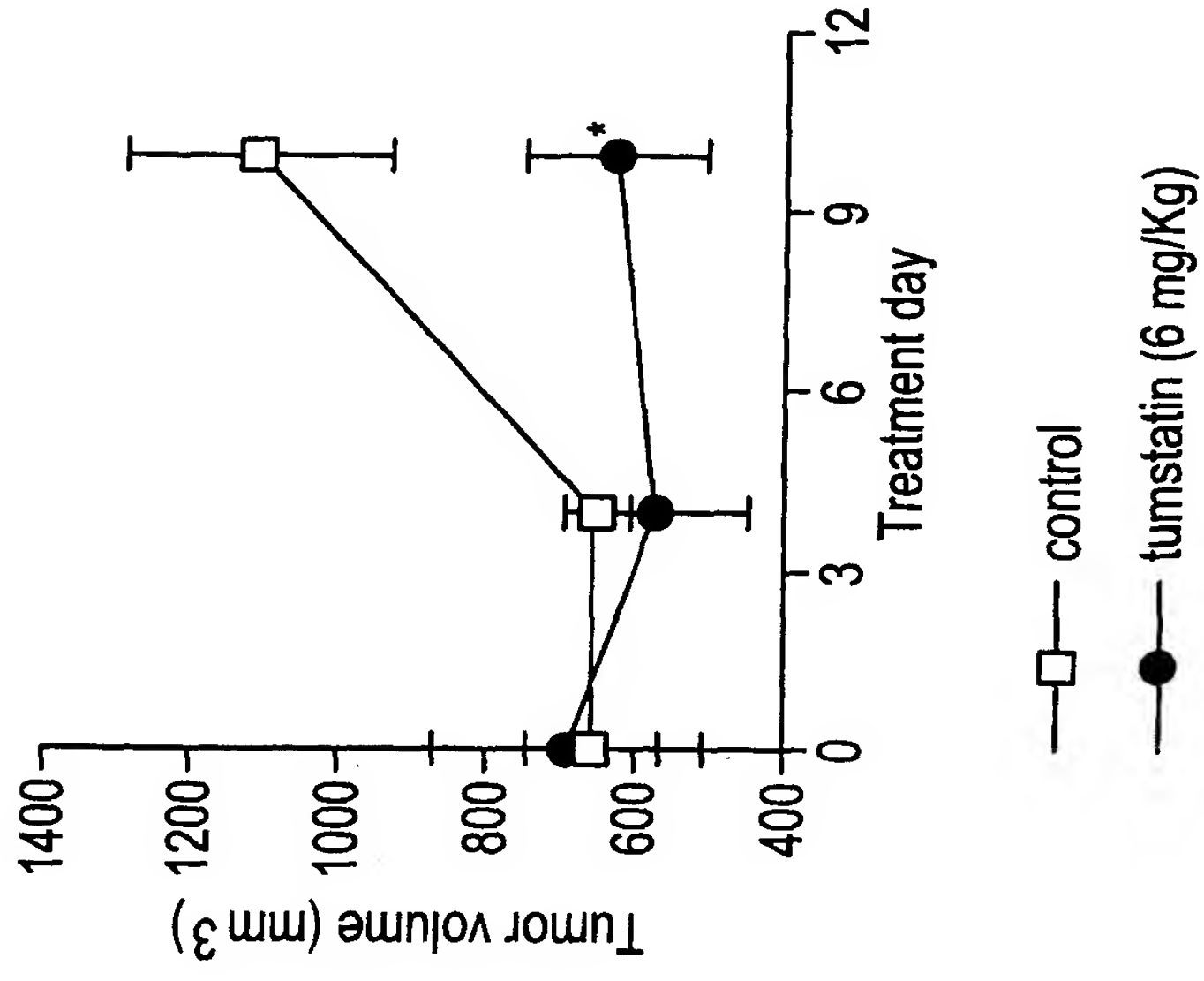


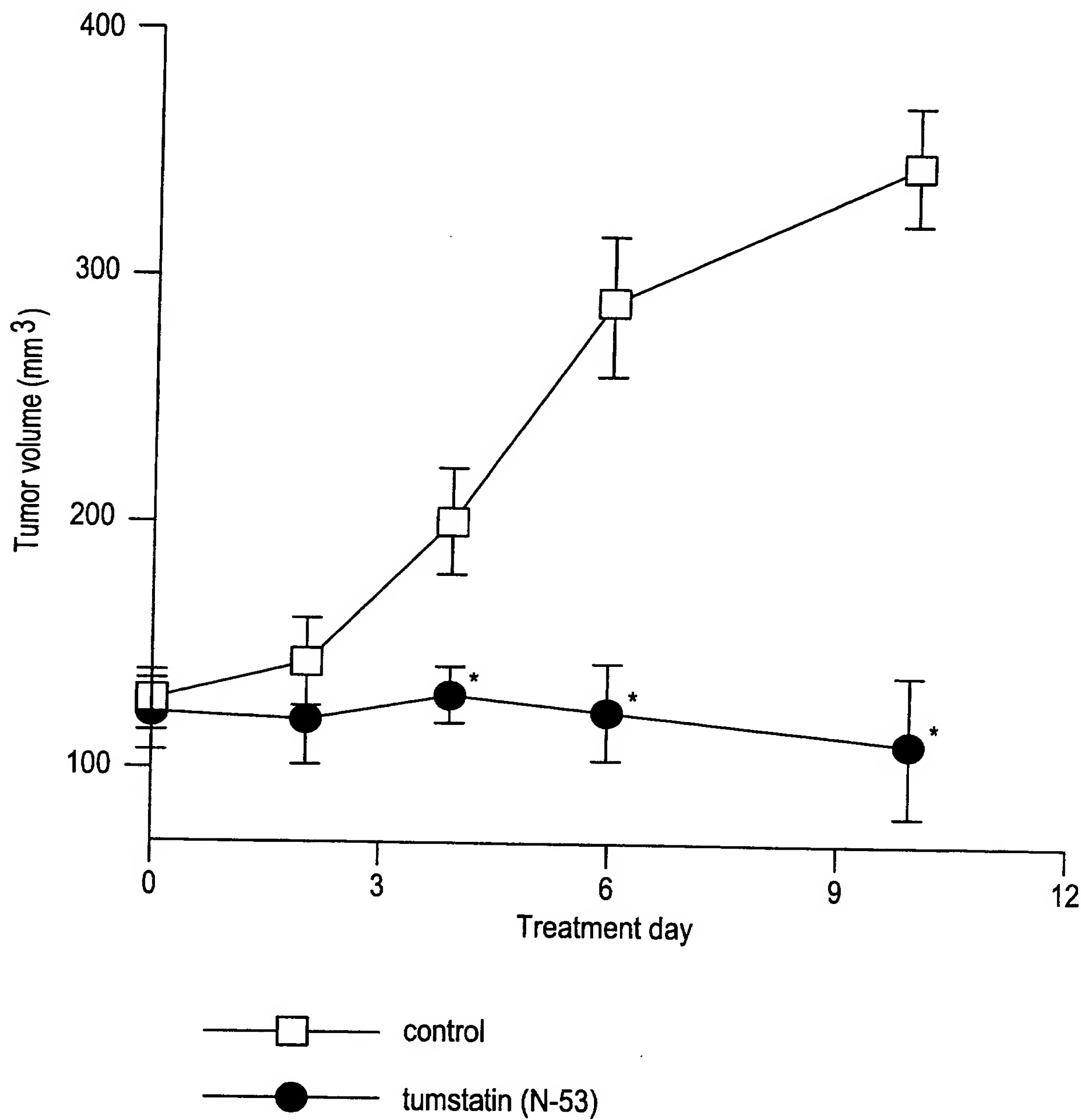
FIG. 27B



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Inventors: Raghuram Kalluri

FIG. 28



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006  
Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof  
Inventors: Raghuram Kalluri

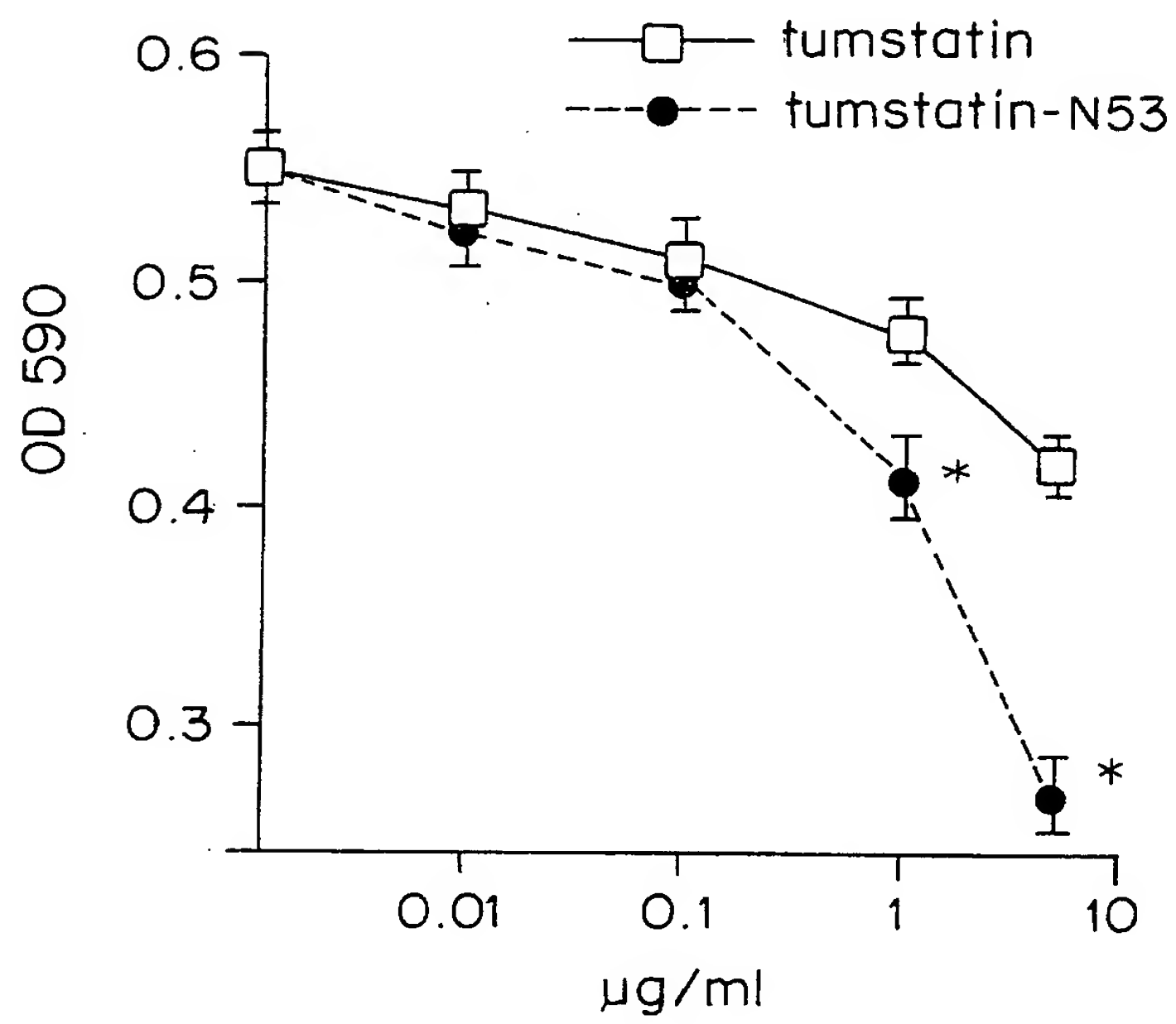
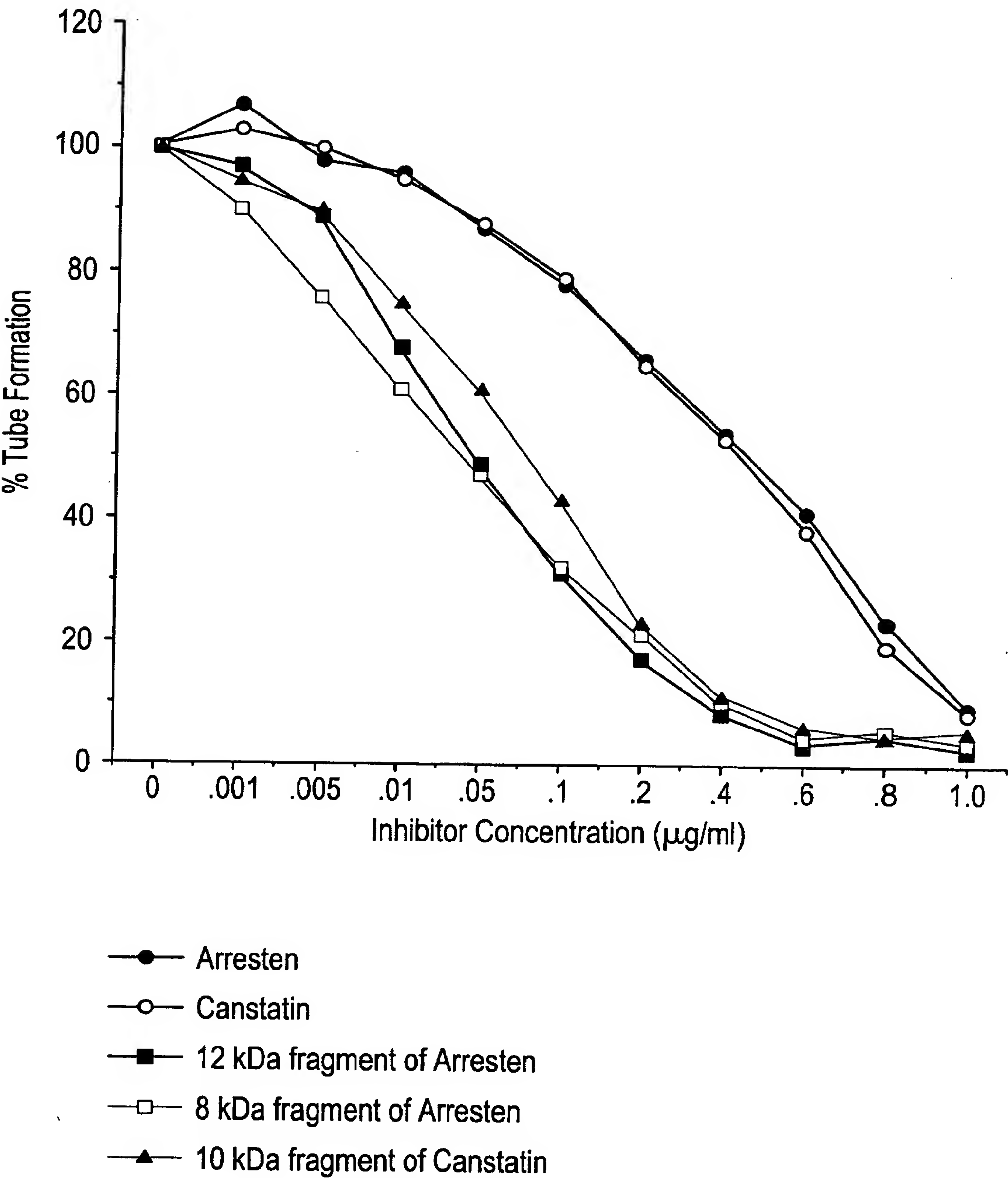


FIG. 29

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 30



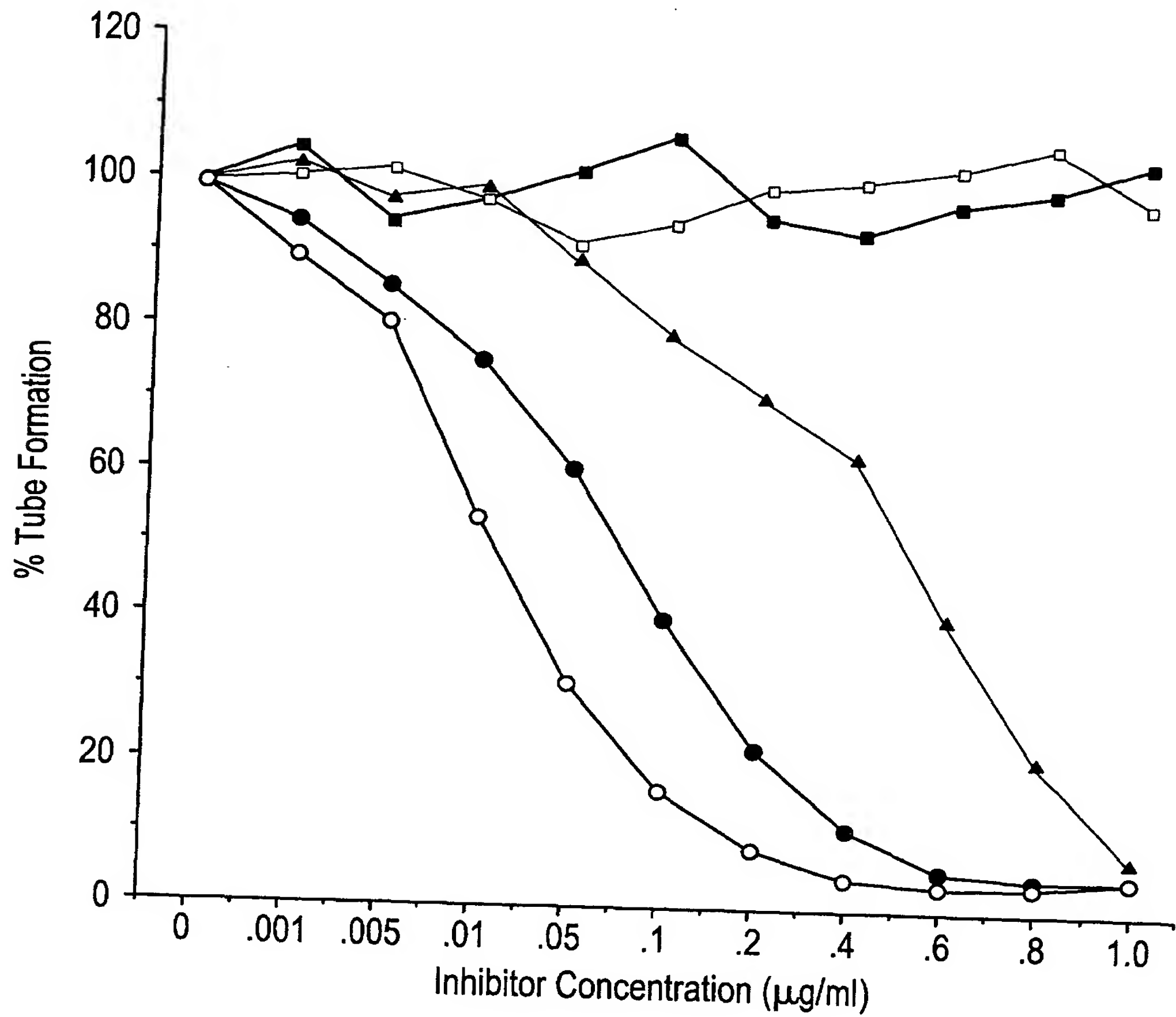
|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS SUBCLASS |
| DRAFTSMAN |                |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

FIG. 31



- Tumstatin Fragment 333
- Tumstatin Fragment 334
- BSA
- α6
- ▲— Tumstatin

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

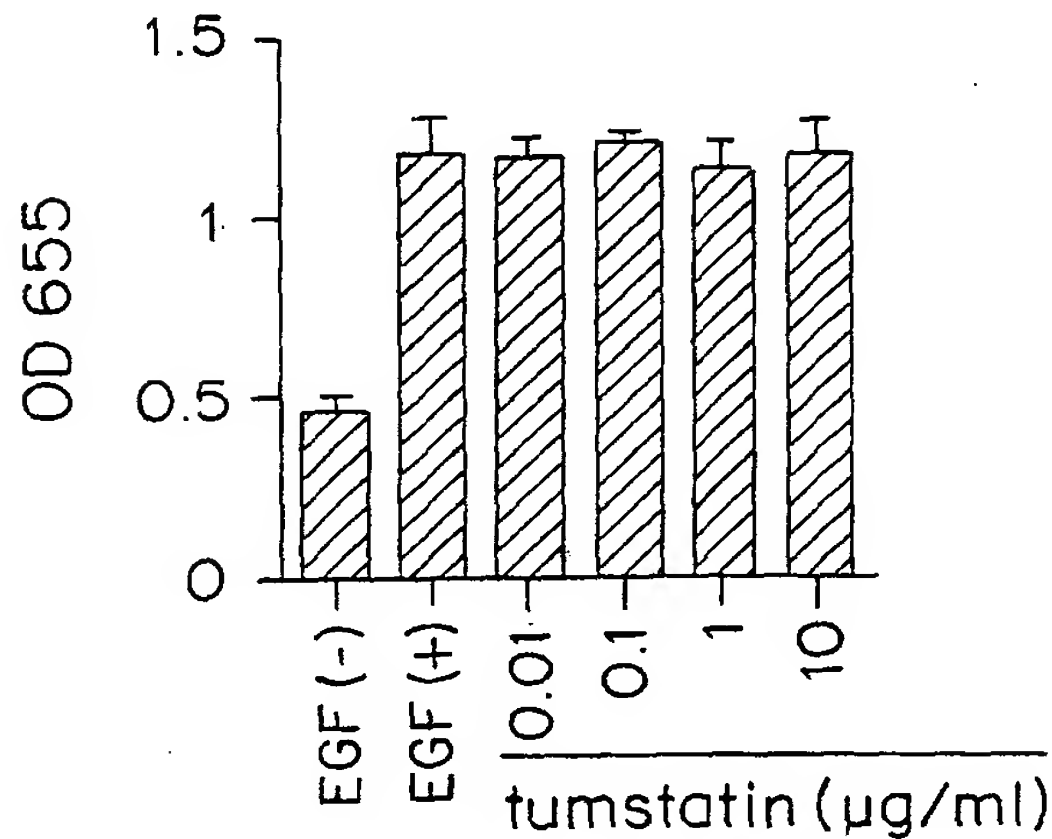


FIG. 32A

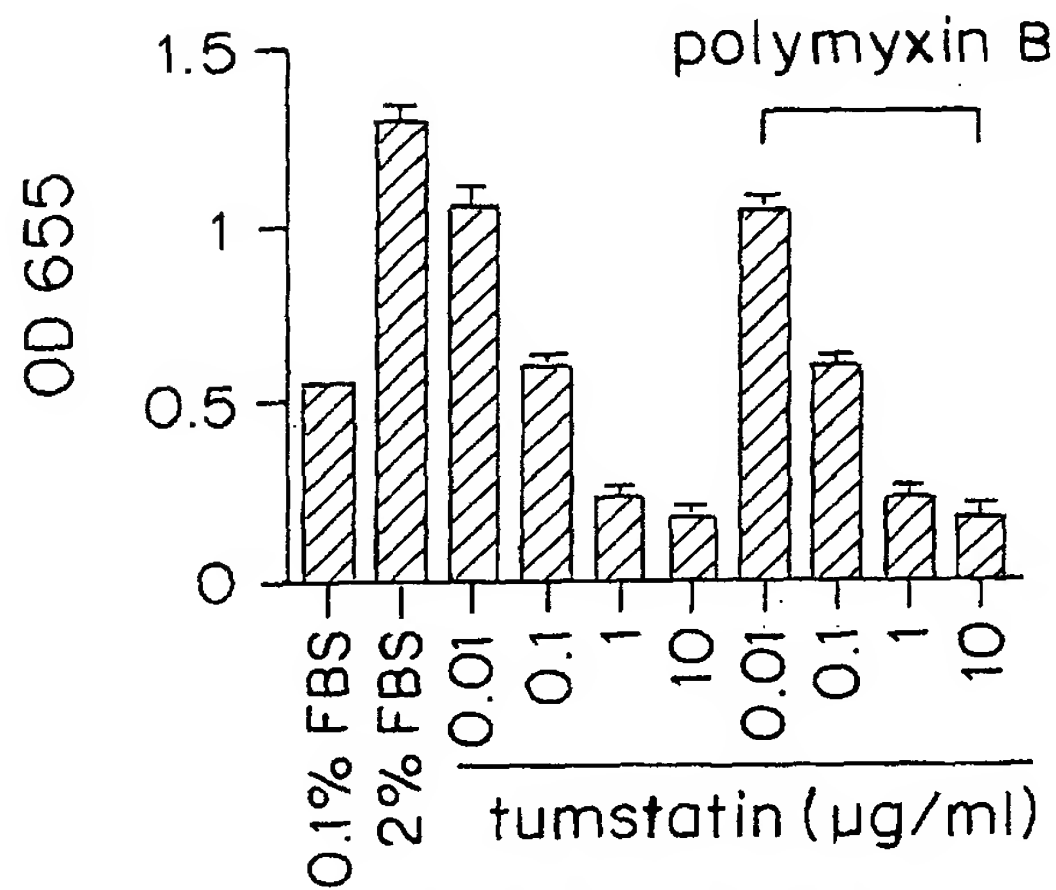


FIG. 32B

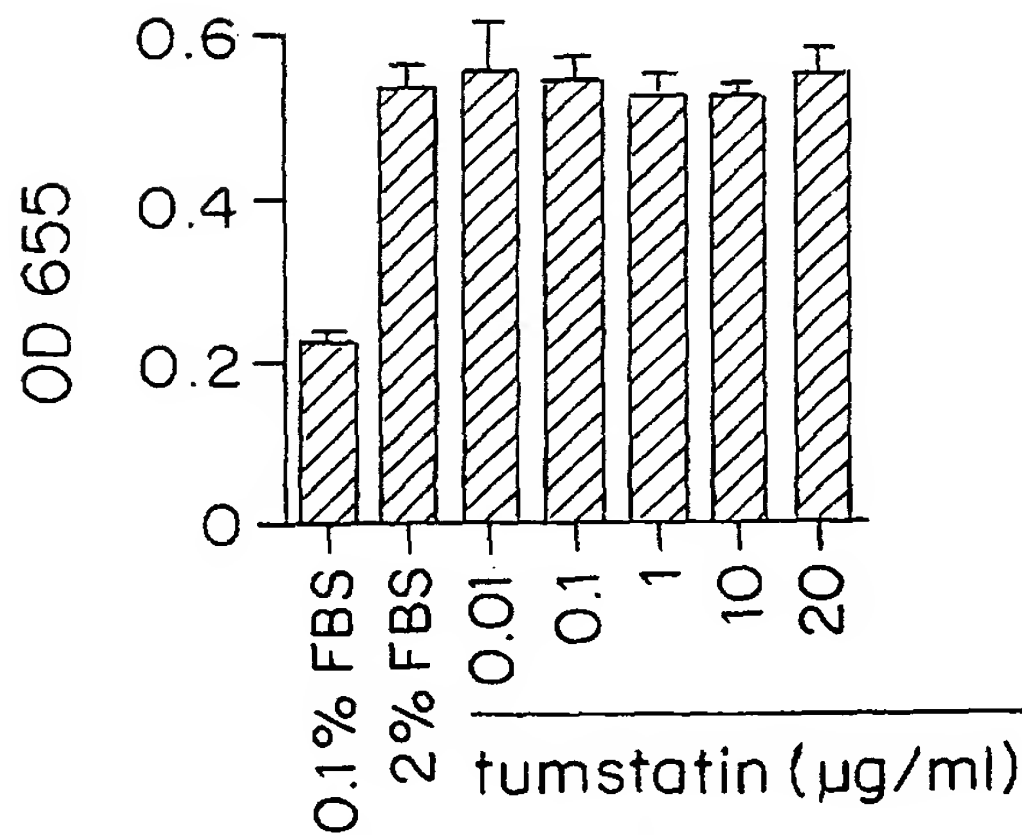


FIG. 32C



|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS SUBCLASS |
| DRAFTSMAN |                |

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Title: Anti-Angiogenic Proteins and Fragments and Methods of Use thereof  
Inventors: Raghuram Kalluri

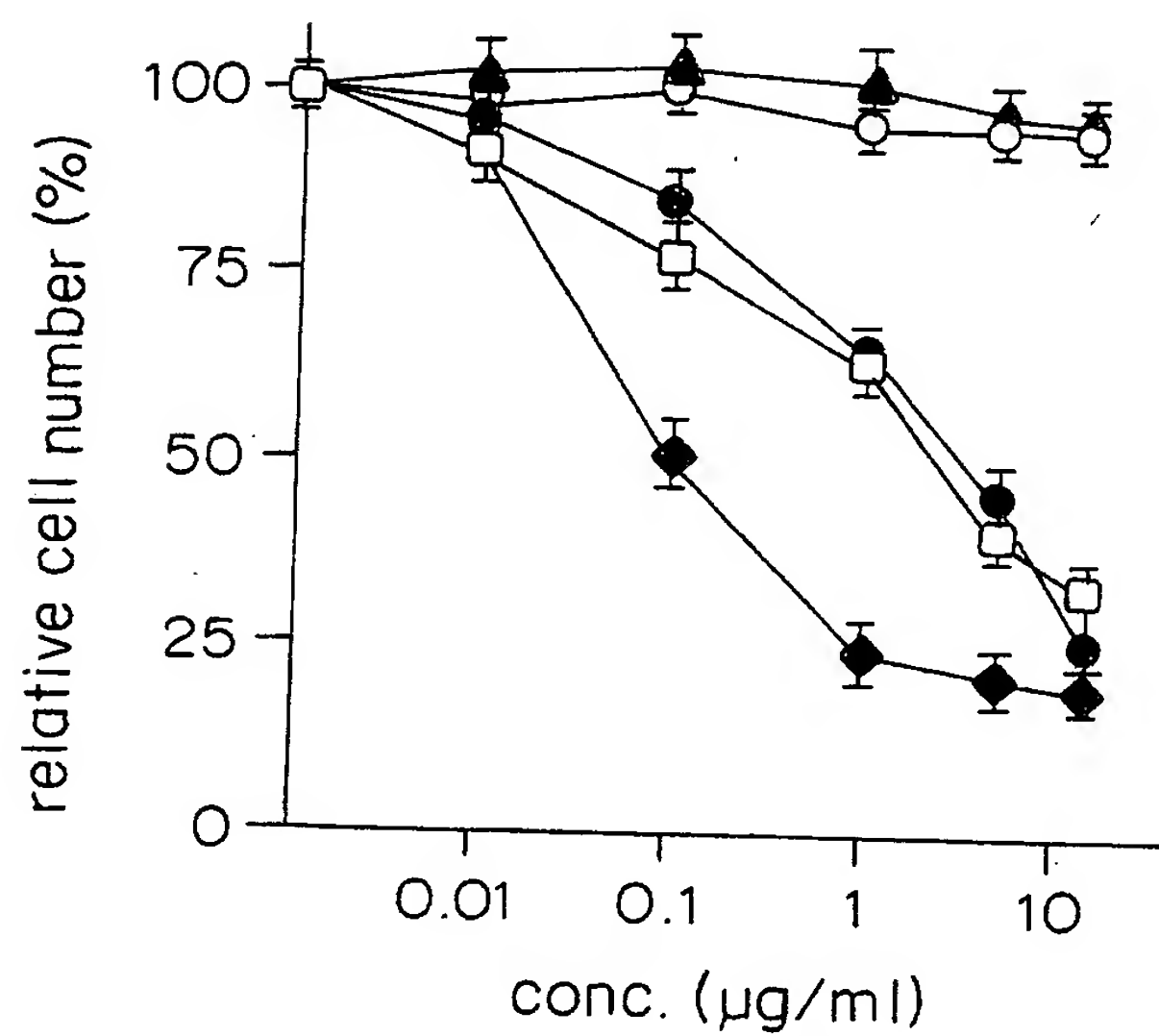


FIG. 33A

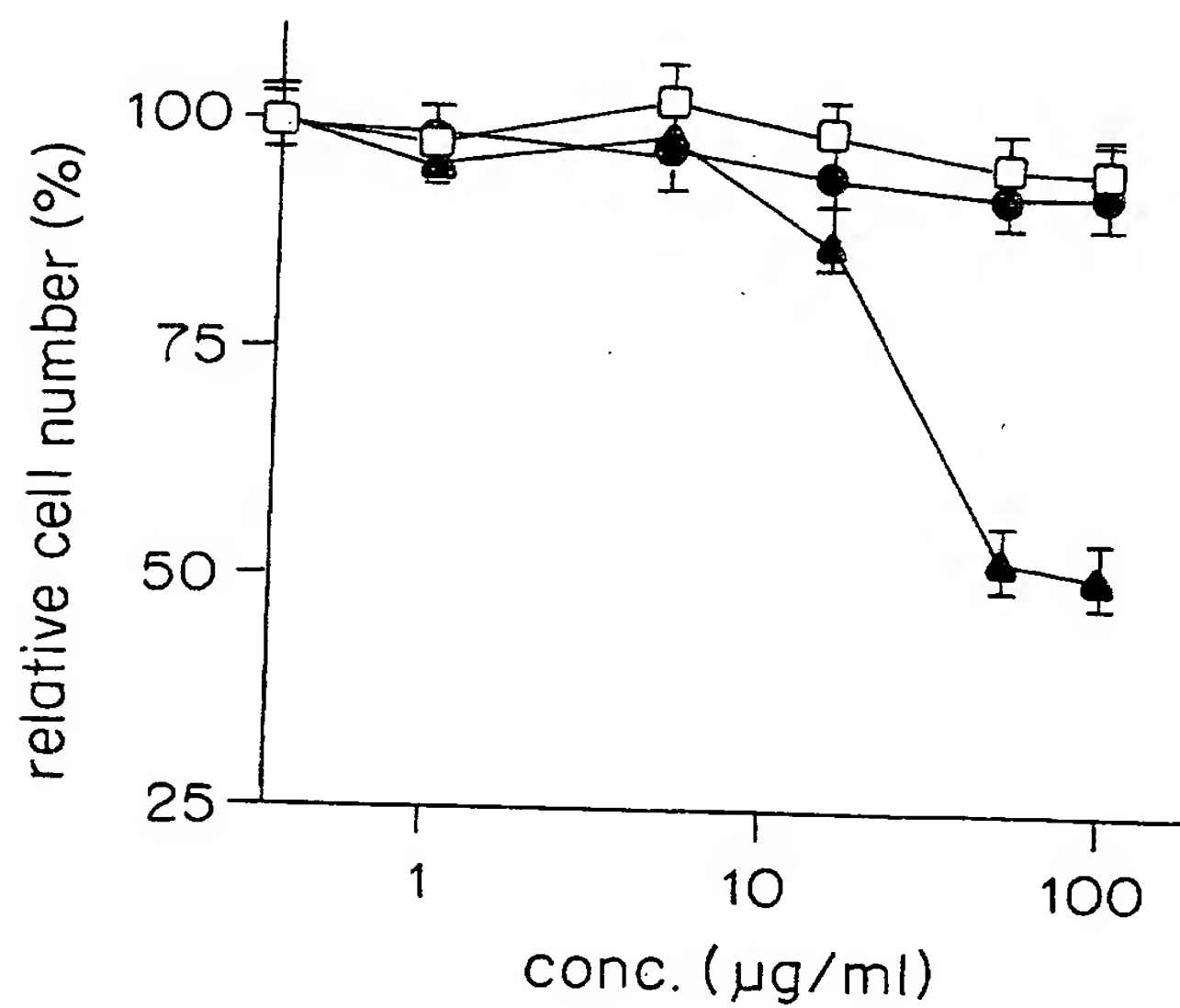


FIG. 33B

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Ti Anti-Angiogenic Proteins and Fragments and Methods of Use T

Inventors: Raghuram Kalluri

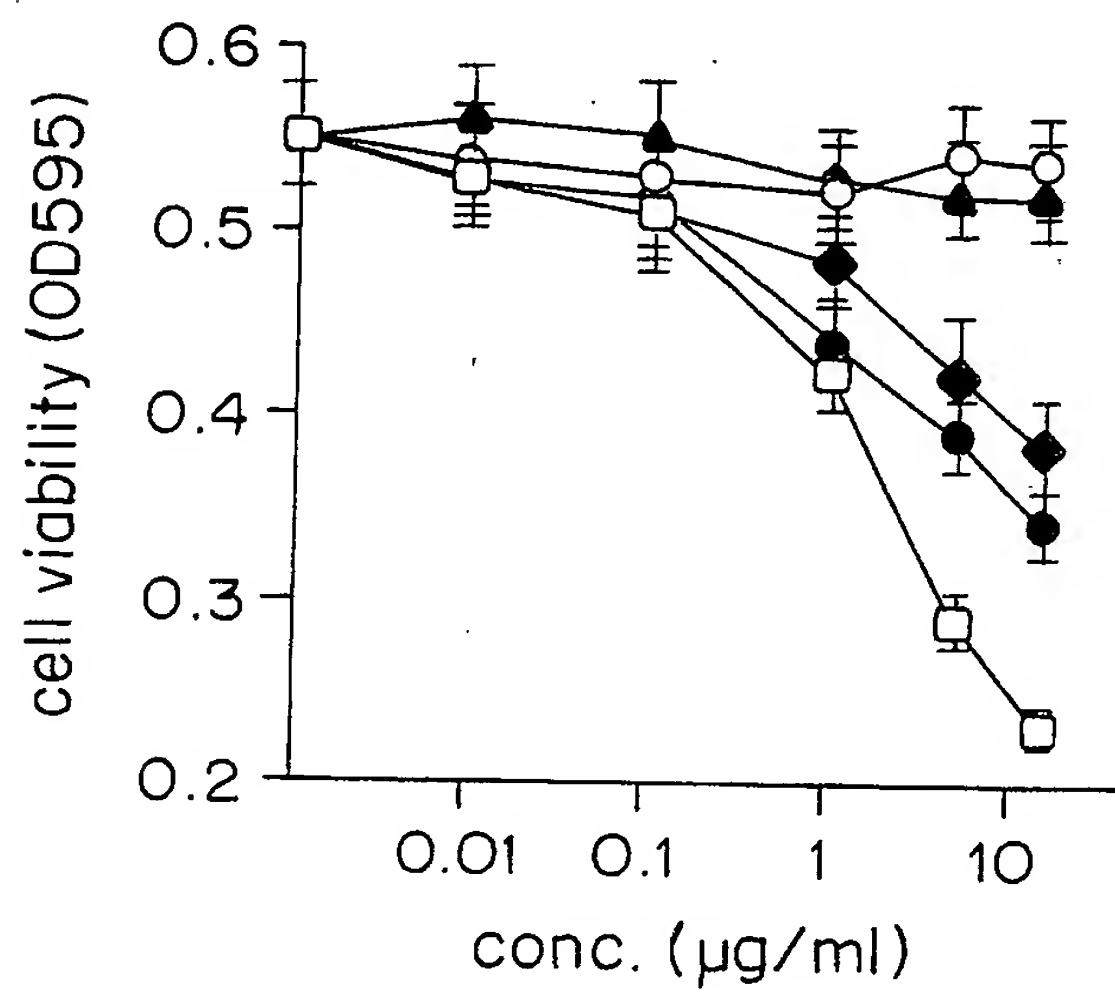


FIG. 34A

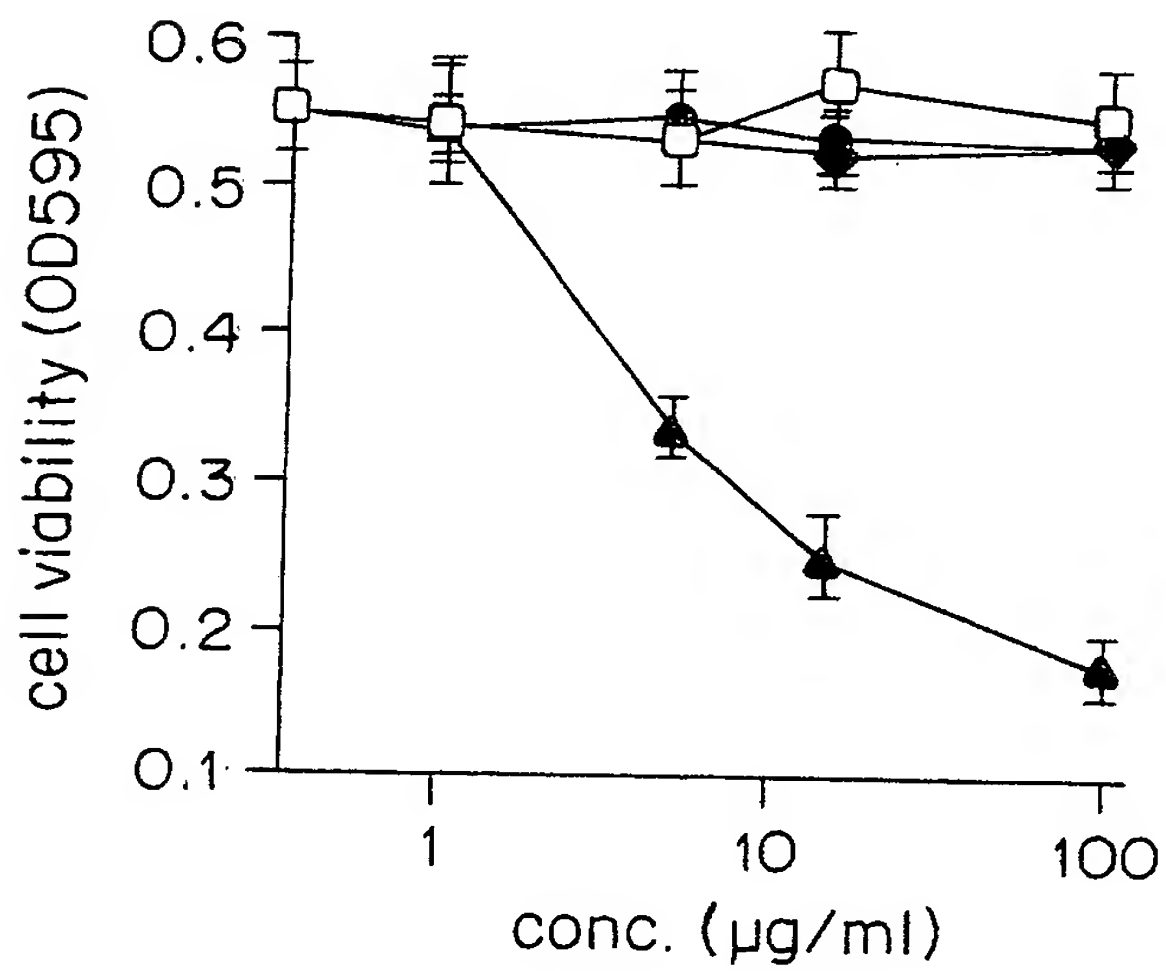


FIG. 34B

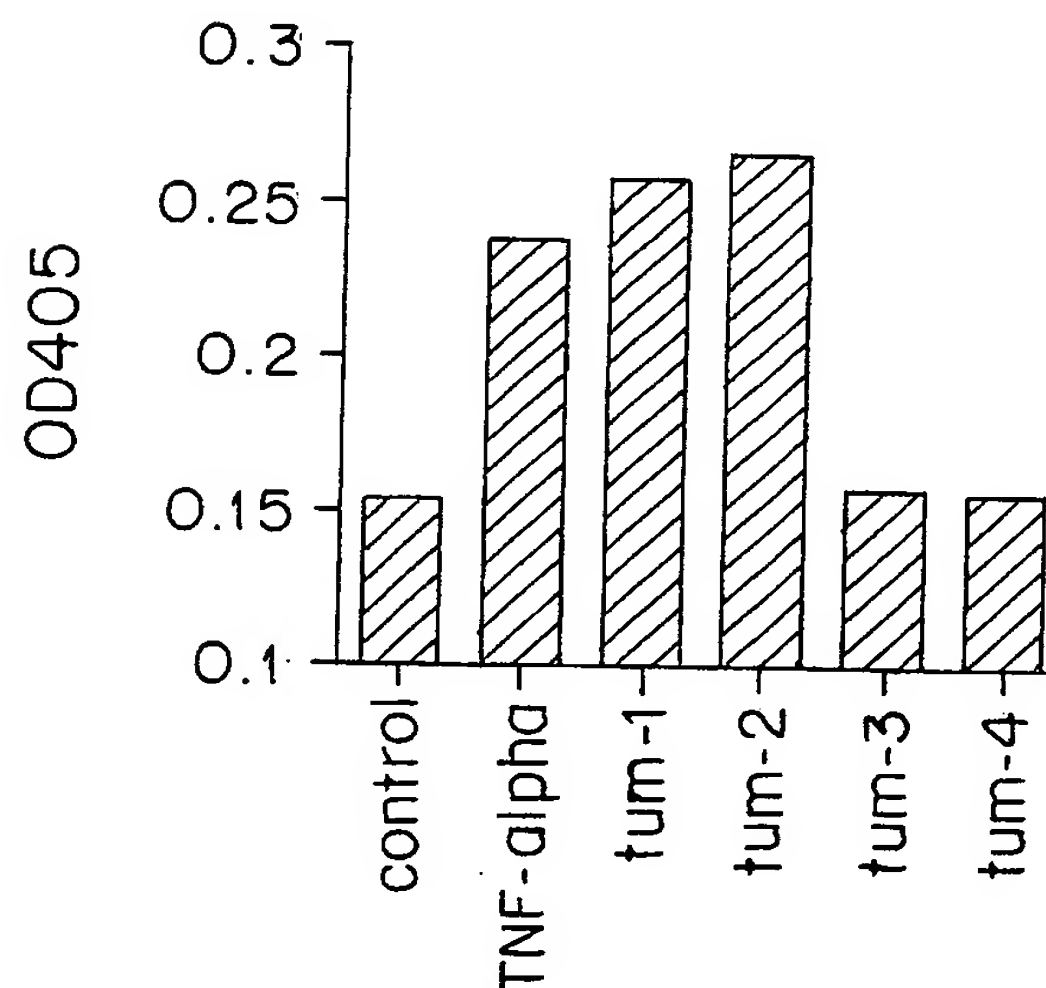


FIG. 35

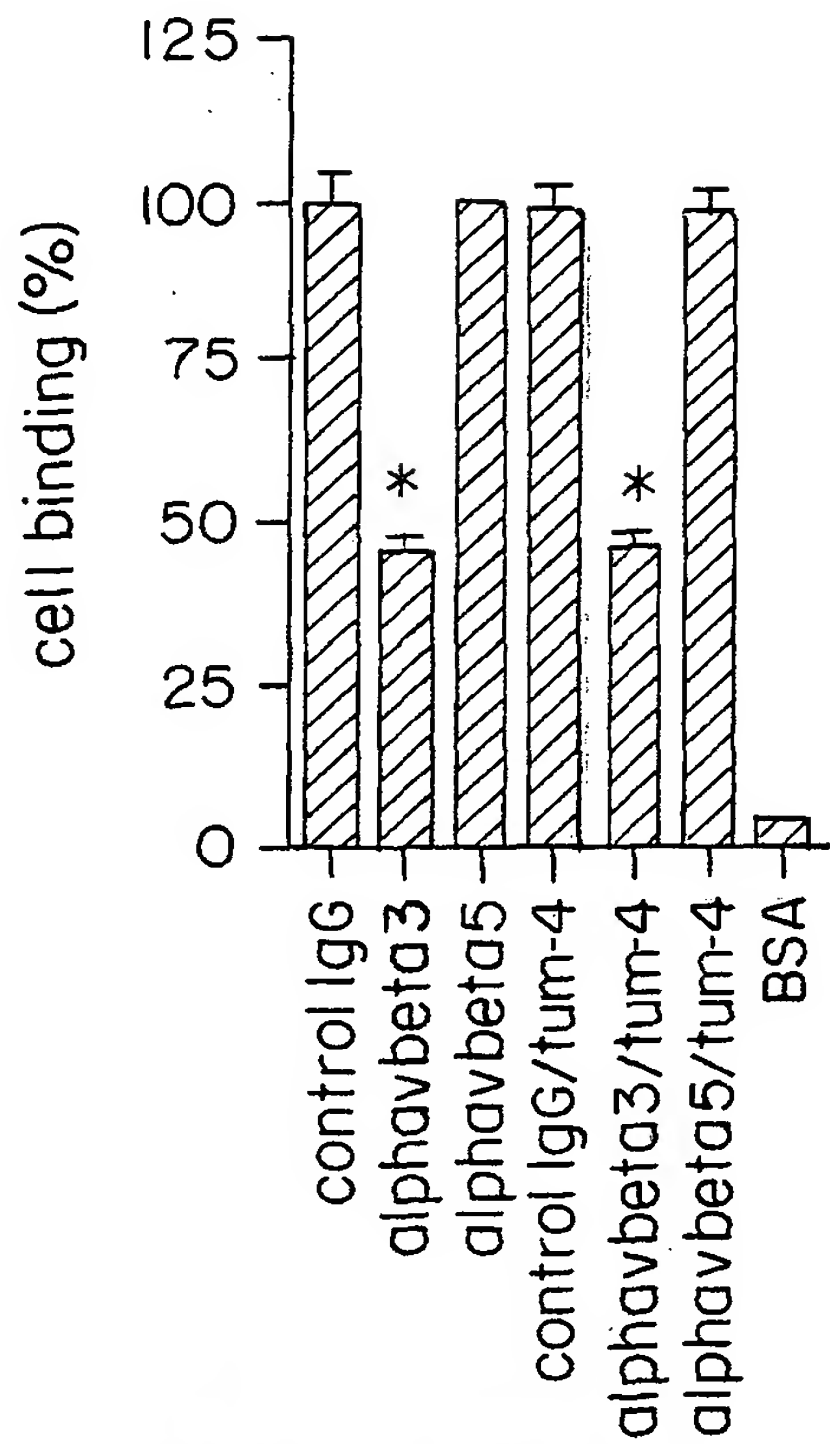


FIG. 36A

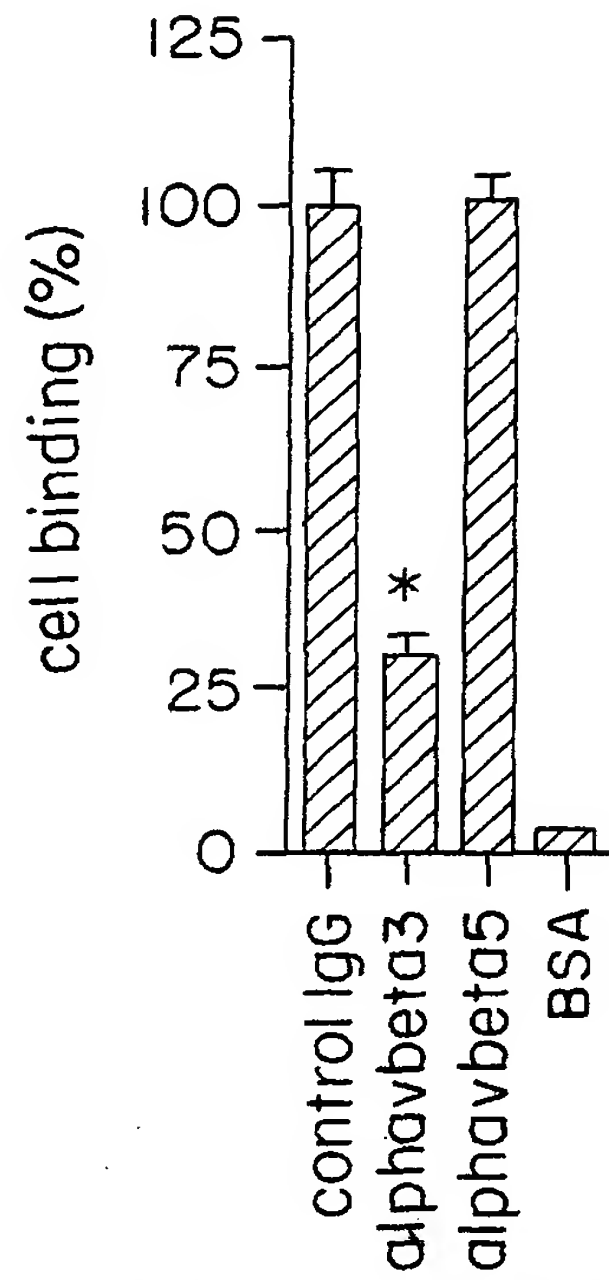


FIG. 36B

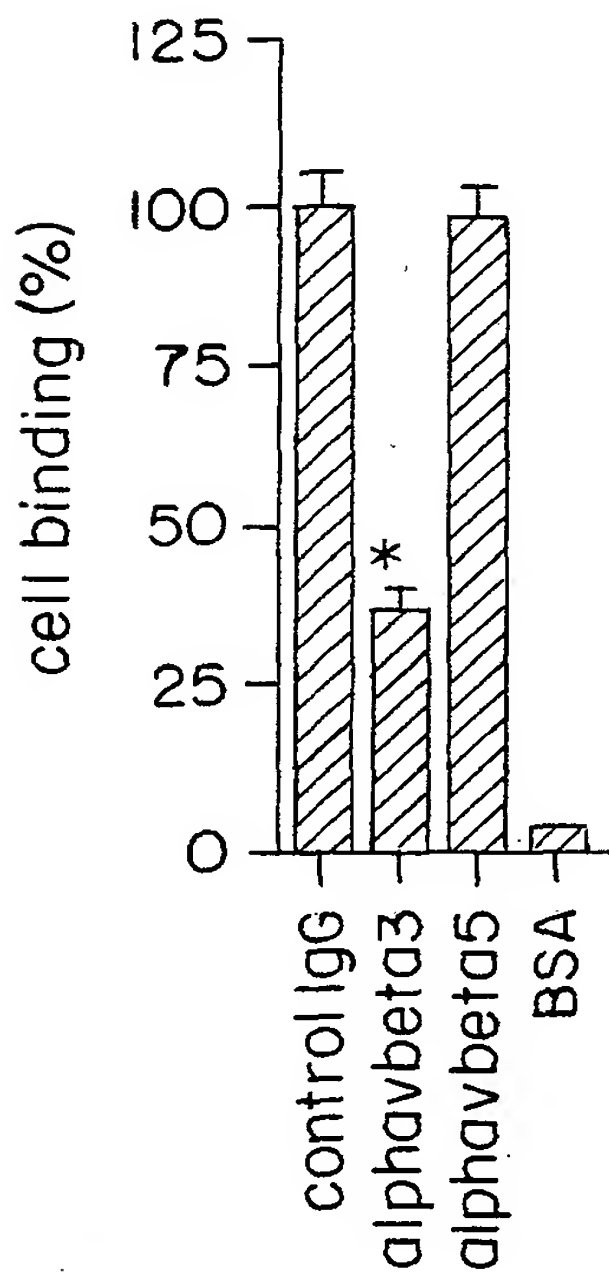


FIG. 36C

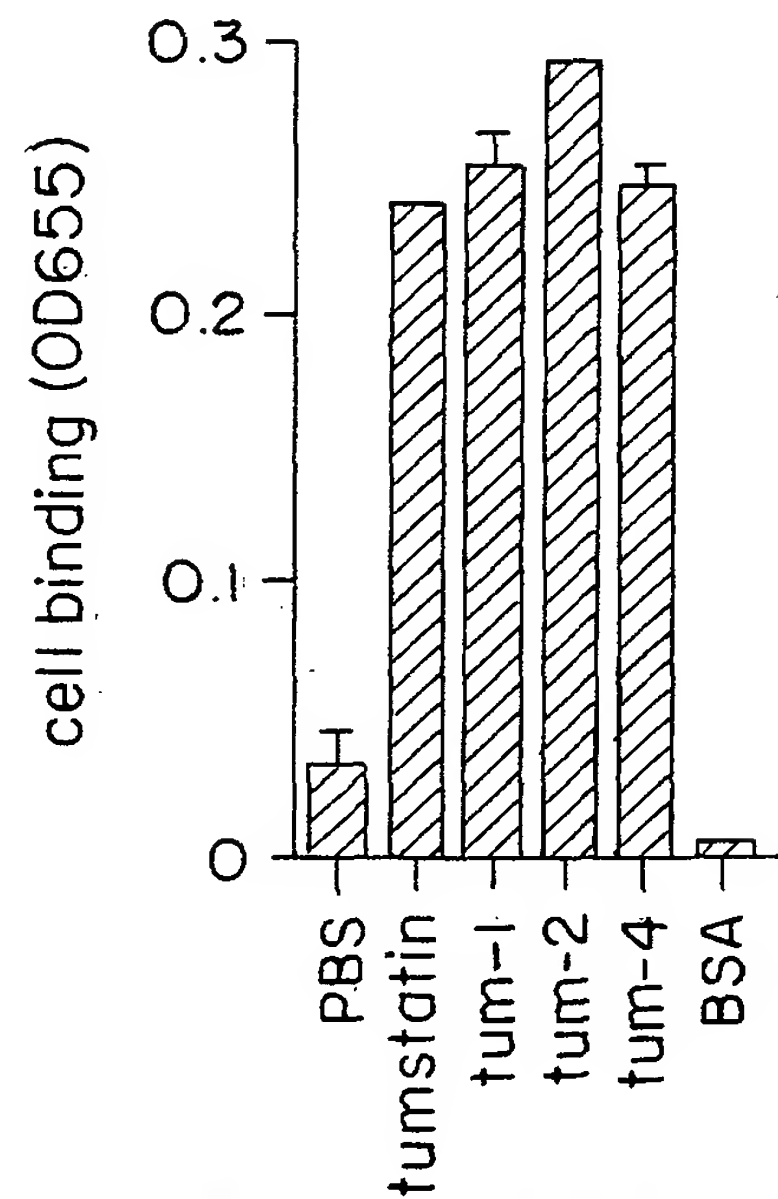


FIG. 37

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

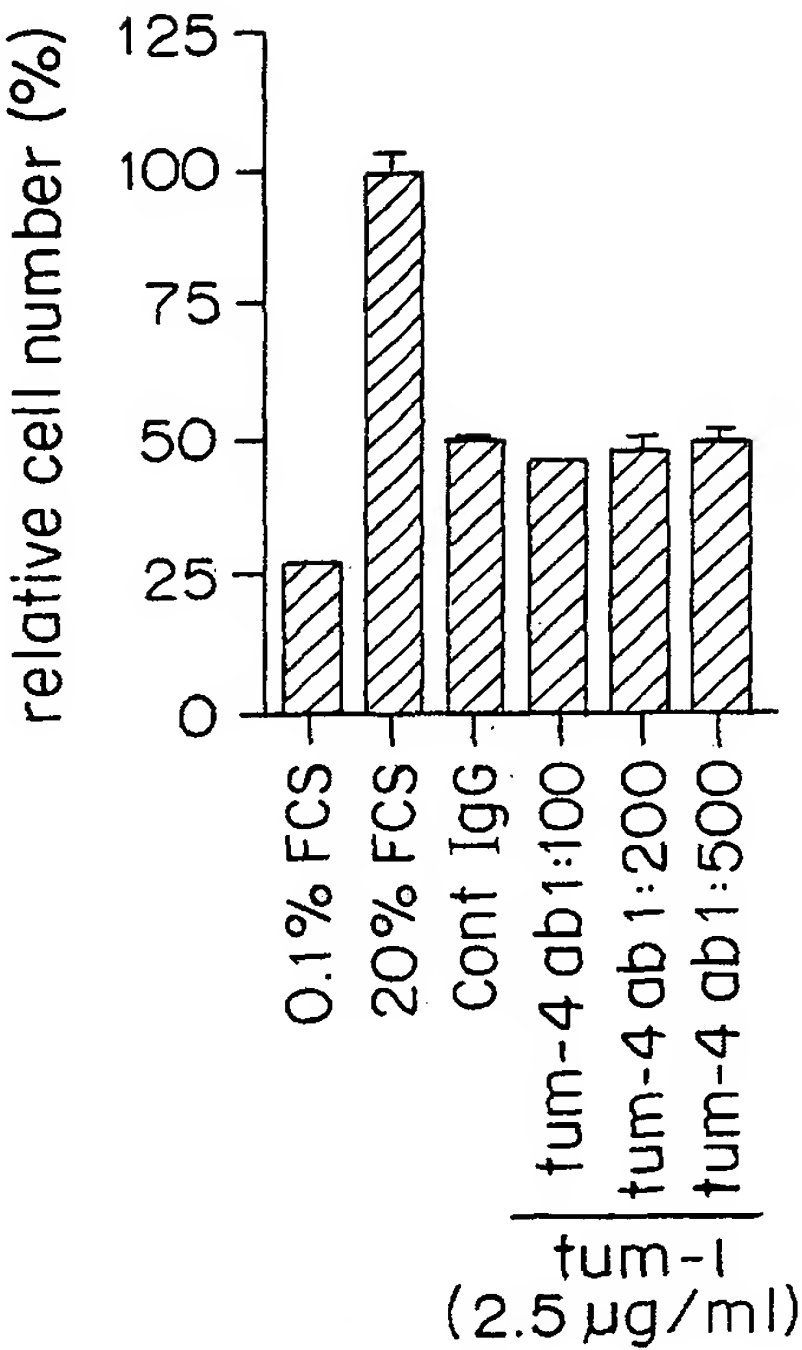


FIG. 38A

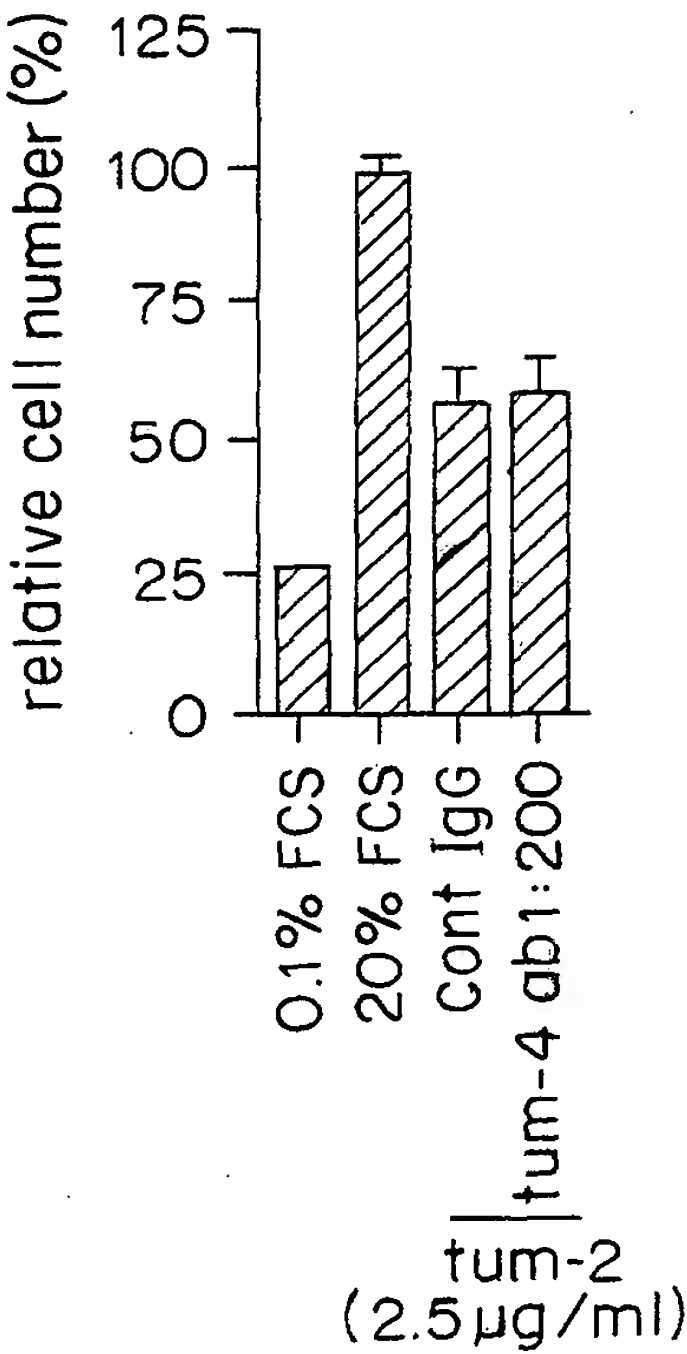


FIG. 38B

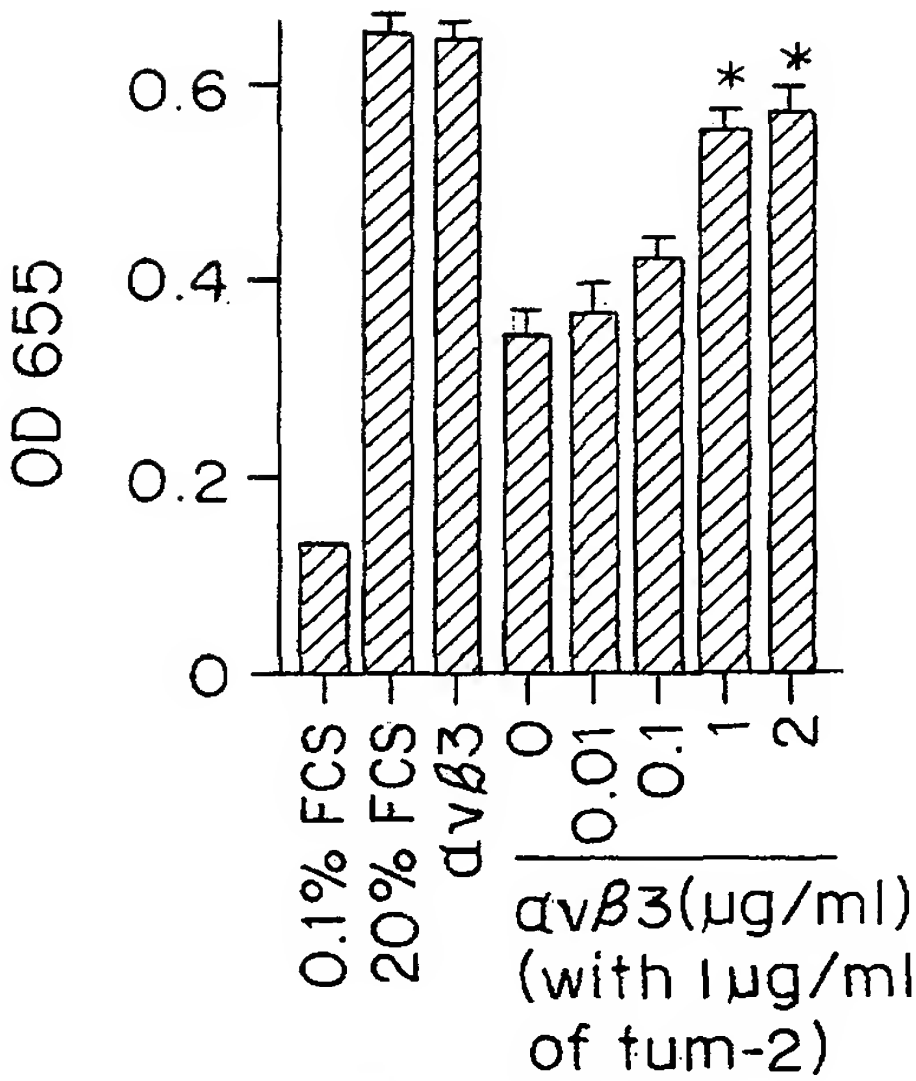


FIG. 38C

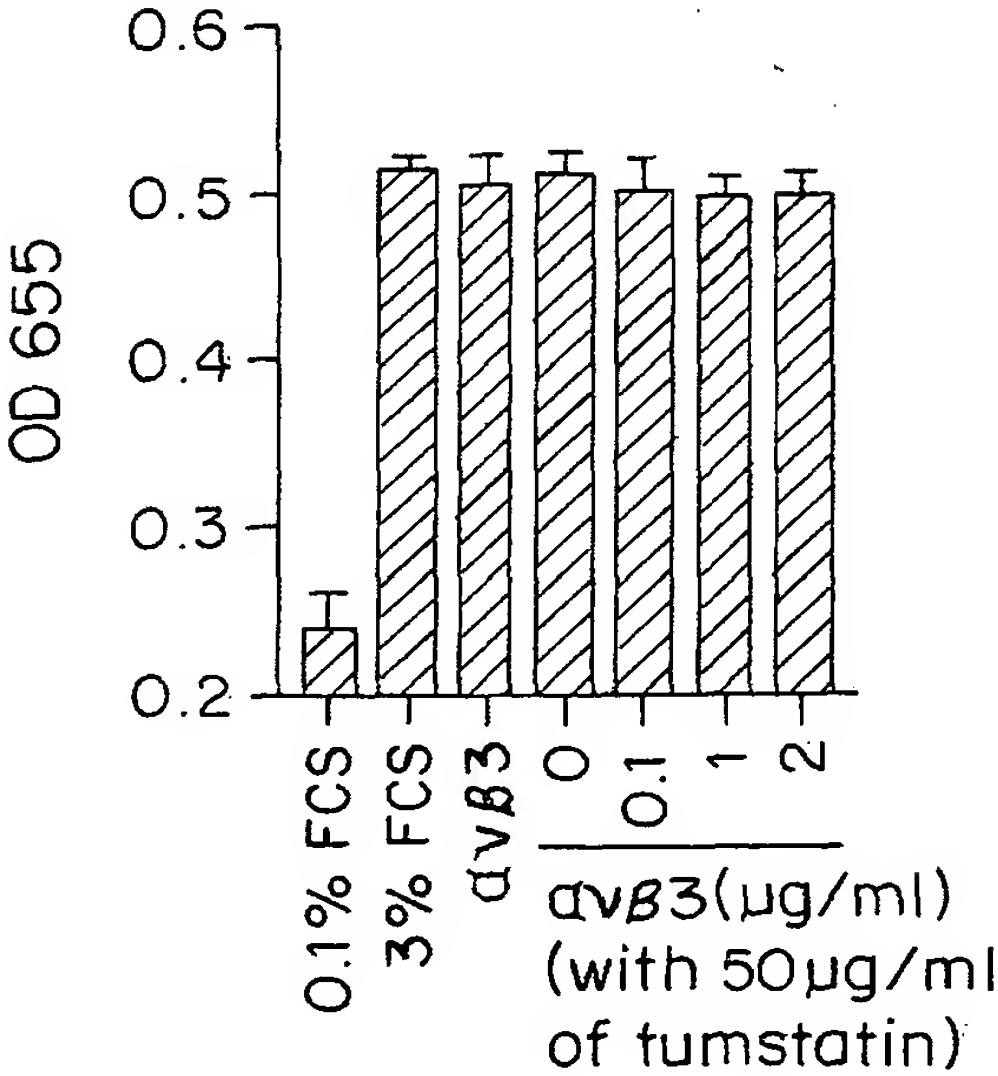


FIG. 38D

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventor: Raghuram Kalluri

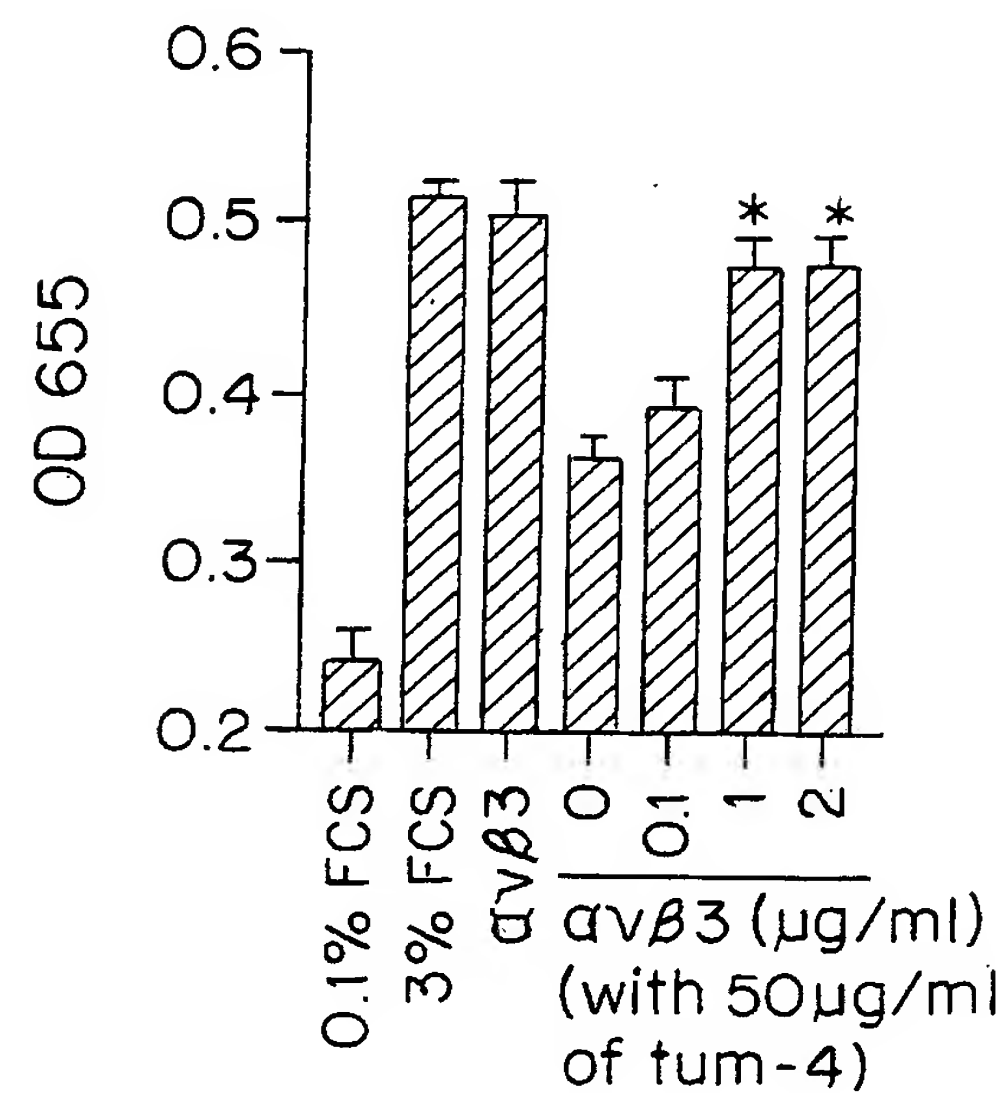


FIG. 38E

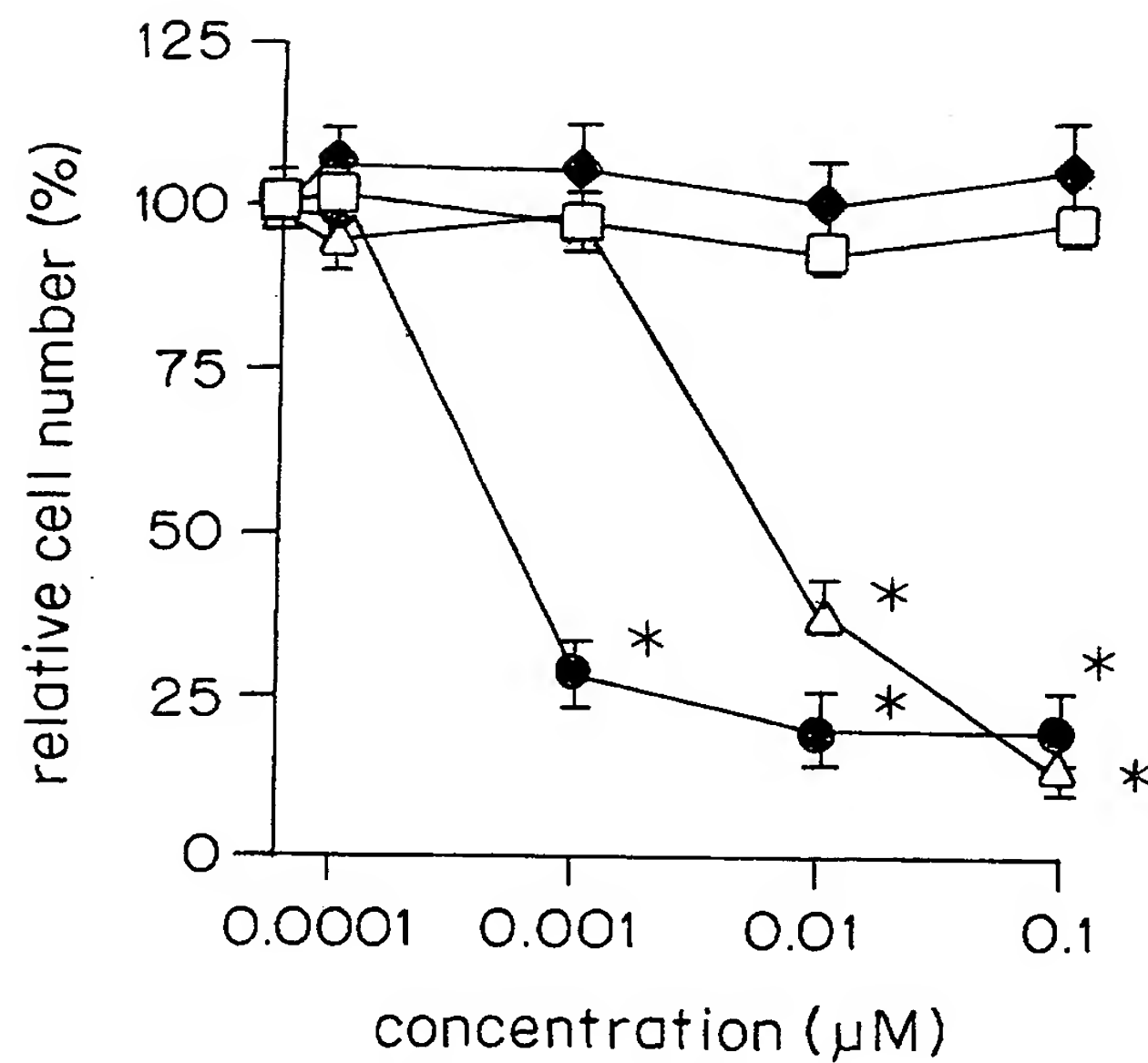


FIG. 39

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Th

Inventors: Raghuram Kalluri

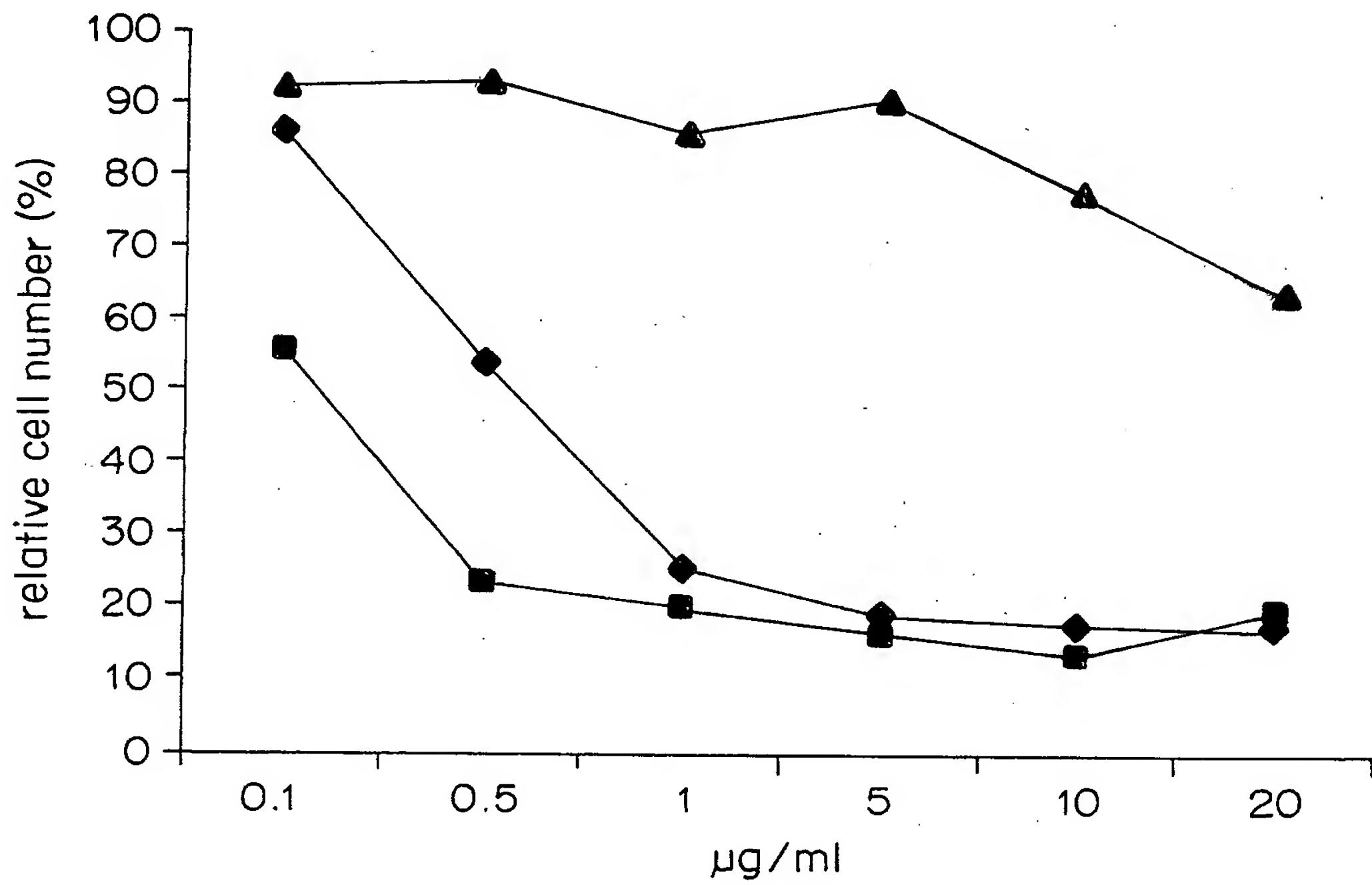


FIG. 40

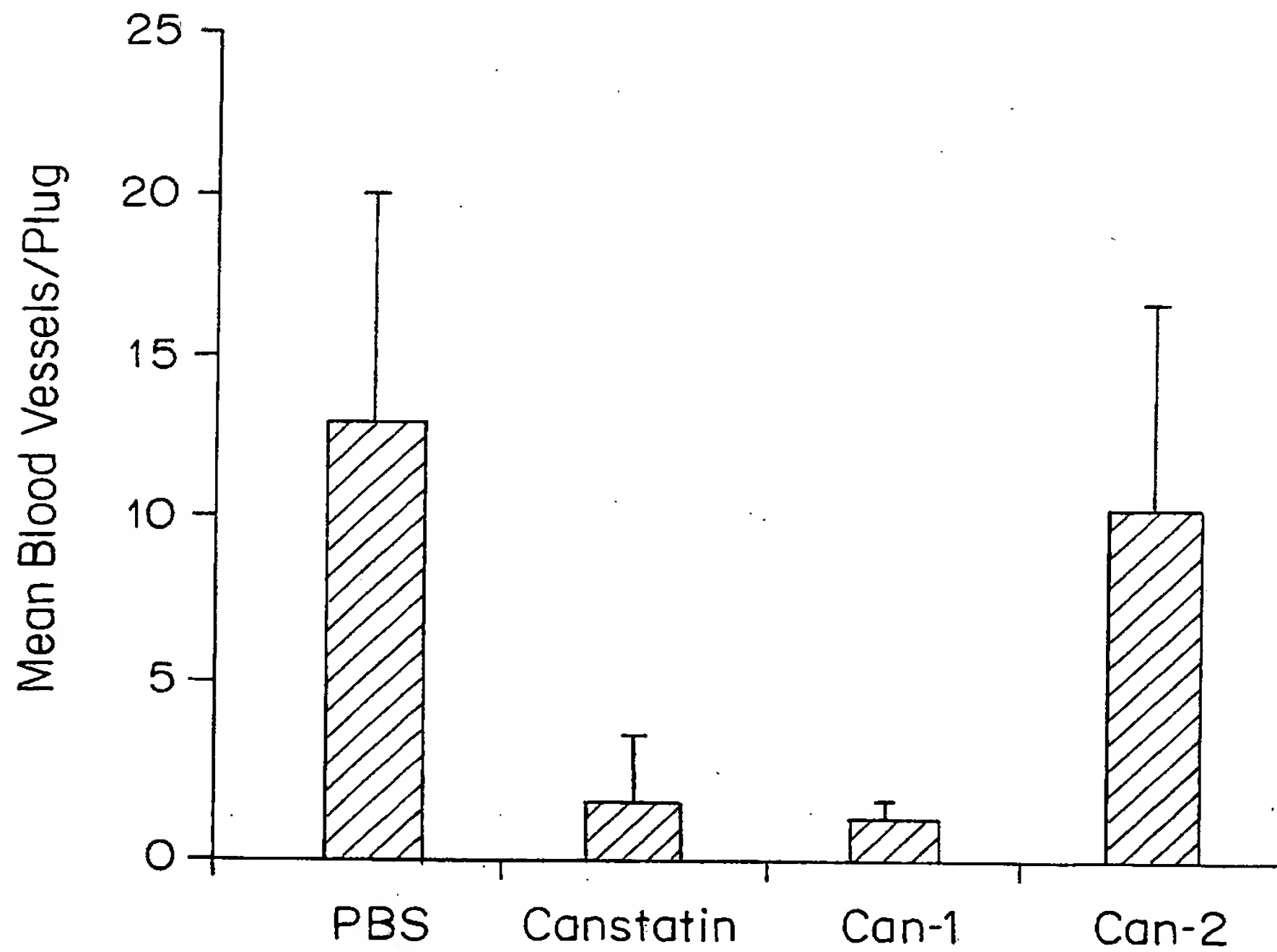


FIG. 41

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

## FIG. 42

T1 GP-A  
PGLKGK**RGD**SGSPATWTTTRGFVFTRHSQTT**TAIPSCPEGTVPLY**

T2 T3 T4  
SGFSFLFVQGNQRAHGQDLGTLGSC LQRFTTMPFLFCNVNDVC

T3 T5 T4 T6  
NFASRNDYSYWLSTPALMPMNMAPITGRALEPYISRCTVCEGP

T6 GP-B  
AIAIAVHSQTT**TDIPPCPHGWISLWKGFSFIMFTSAGSEGTGQA**  
LASPGSCLEEFRA SPFLECHGRGTCNYYSNSYSFWLASLNPER  
MFRKPI PSTVKAGELEKII SRCQVCMKKRH

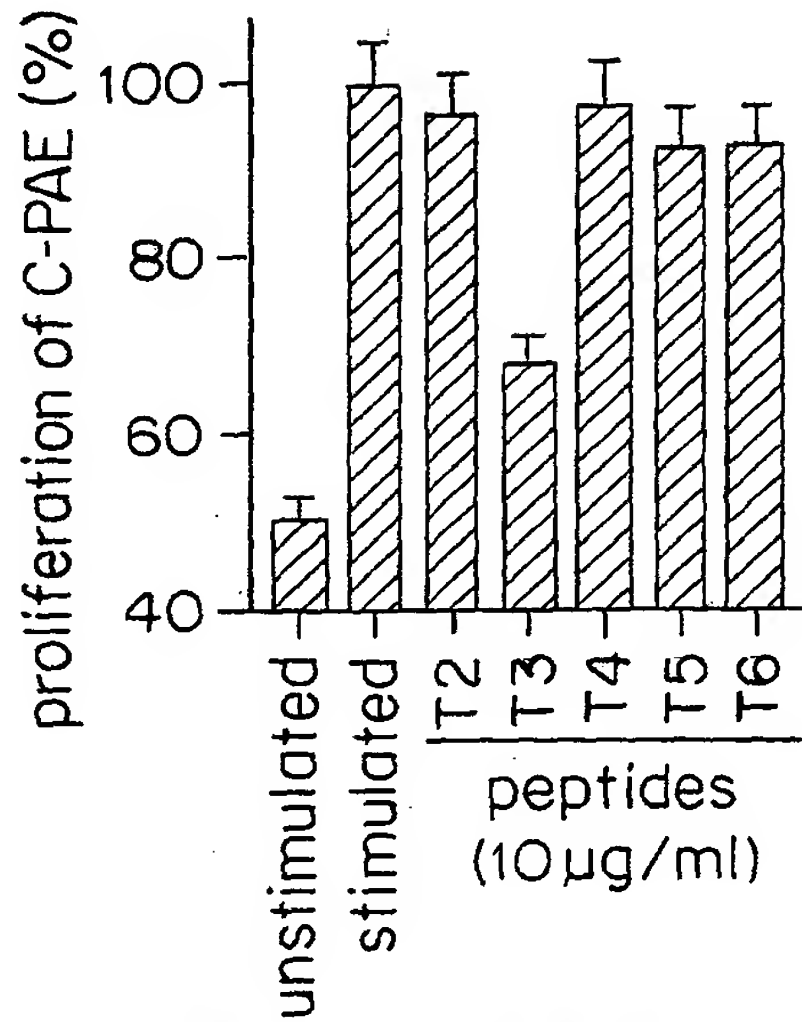


FIG. 43A

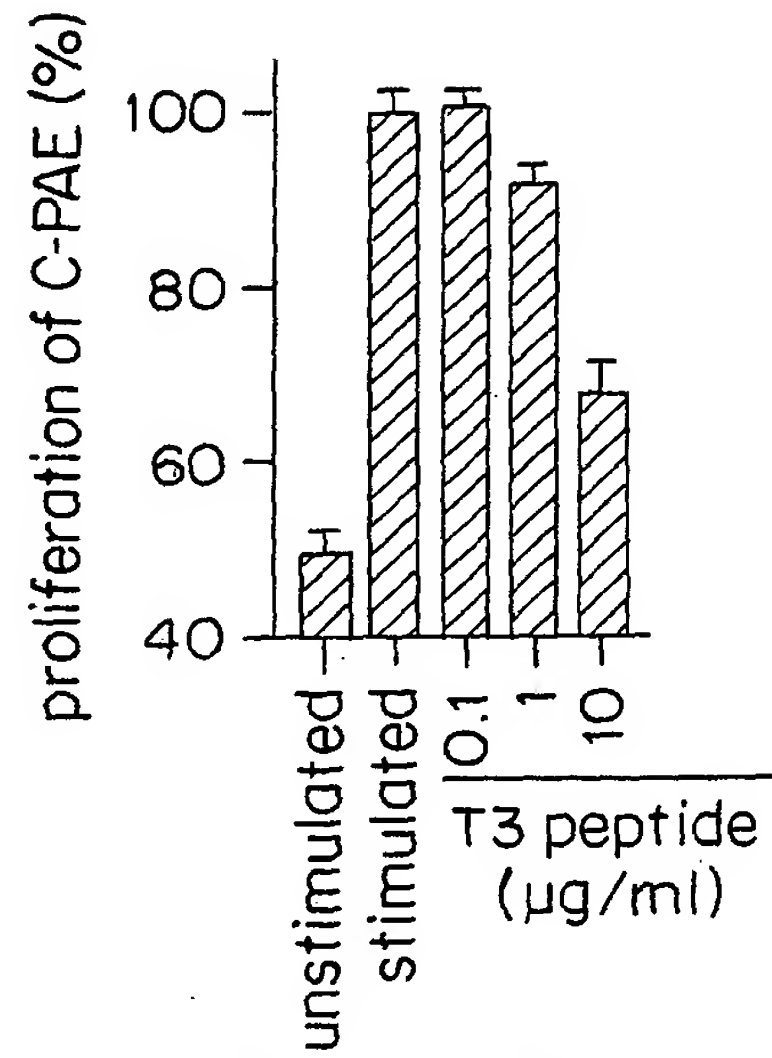


FIG. 43B

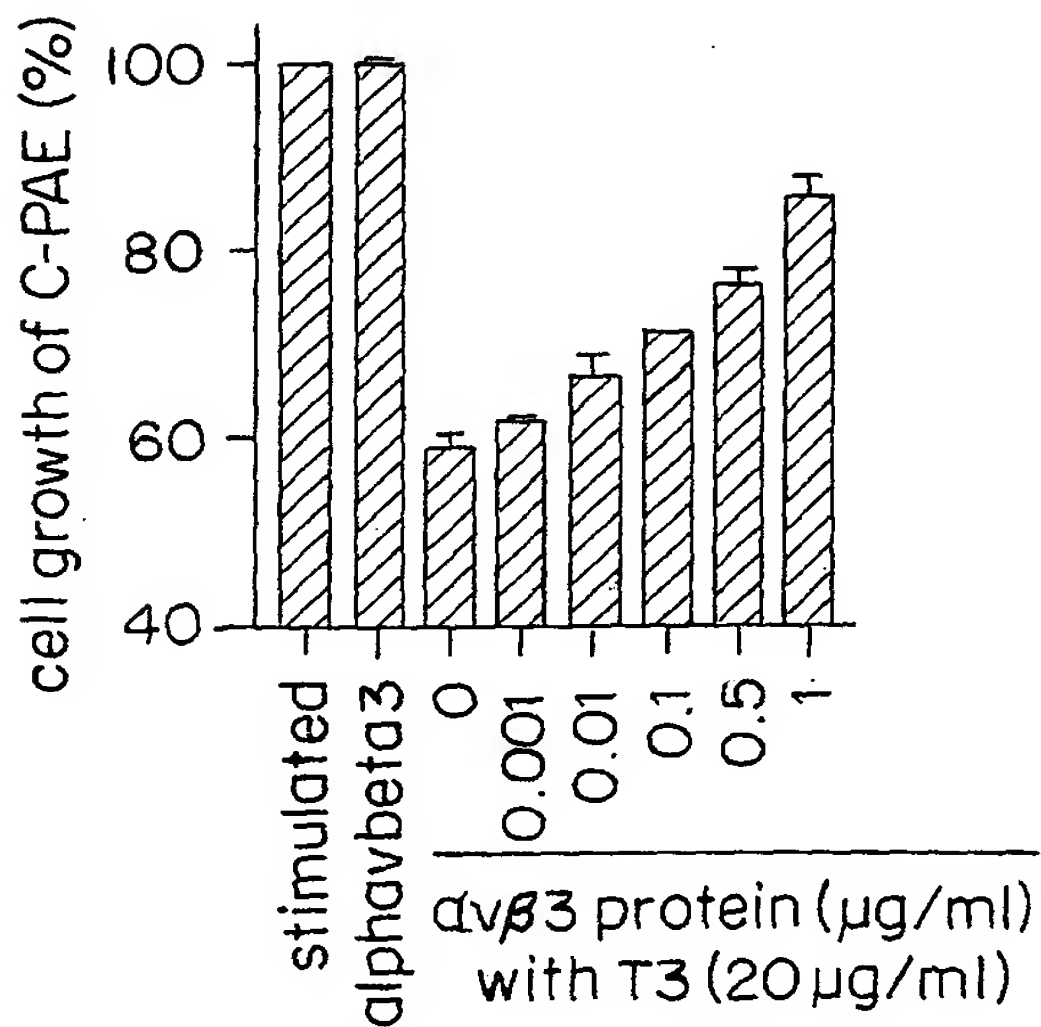


FIG. 43C

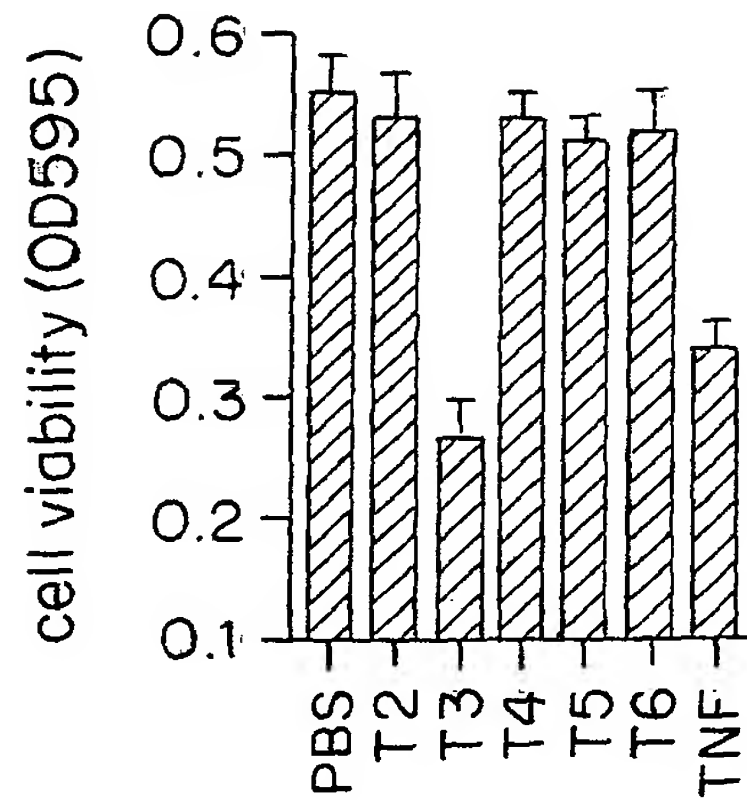


FIG. 43D



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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 Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Th  
 Inventors: Raghuram Kalluri

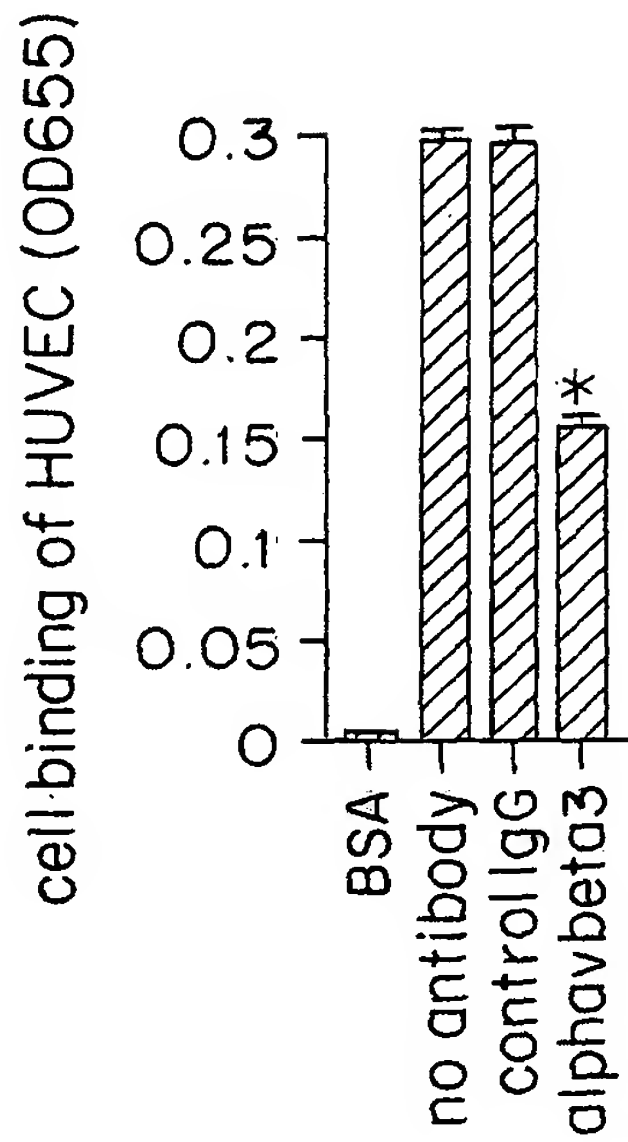


FIG. 44A

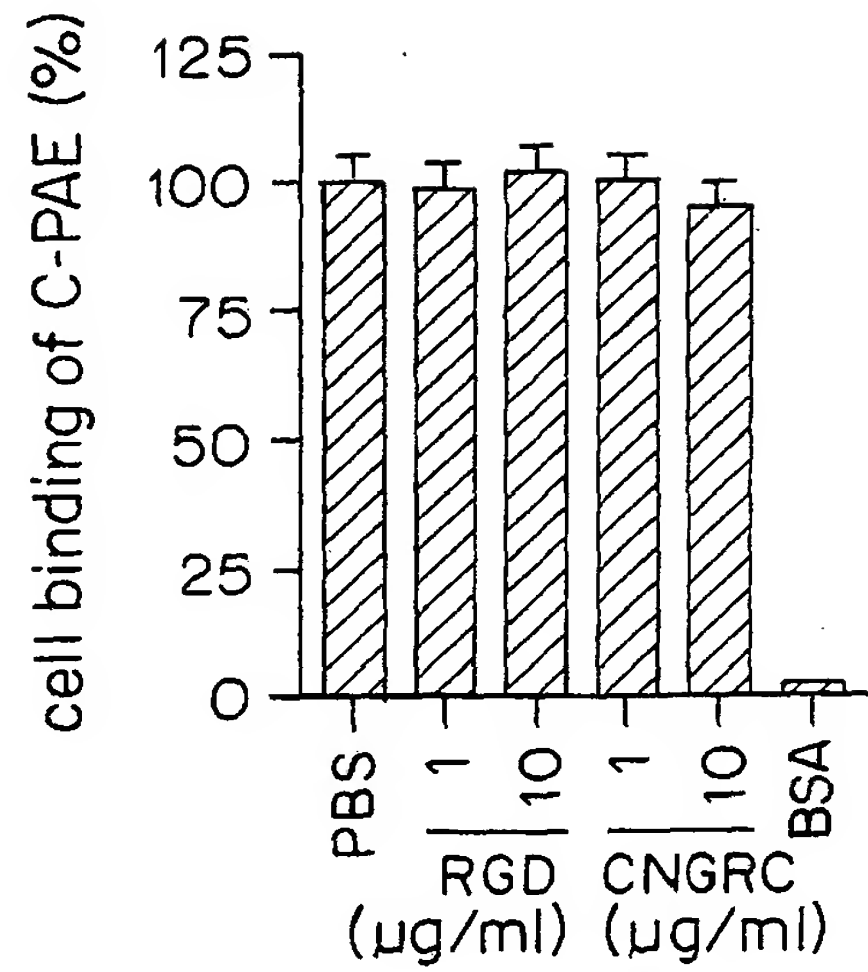


FIG. 44B

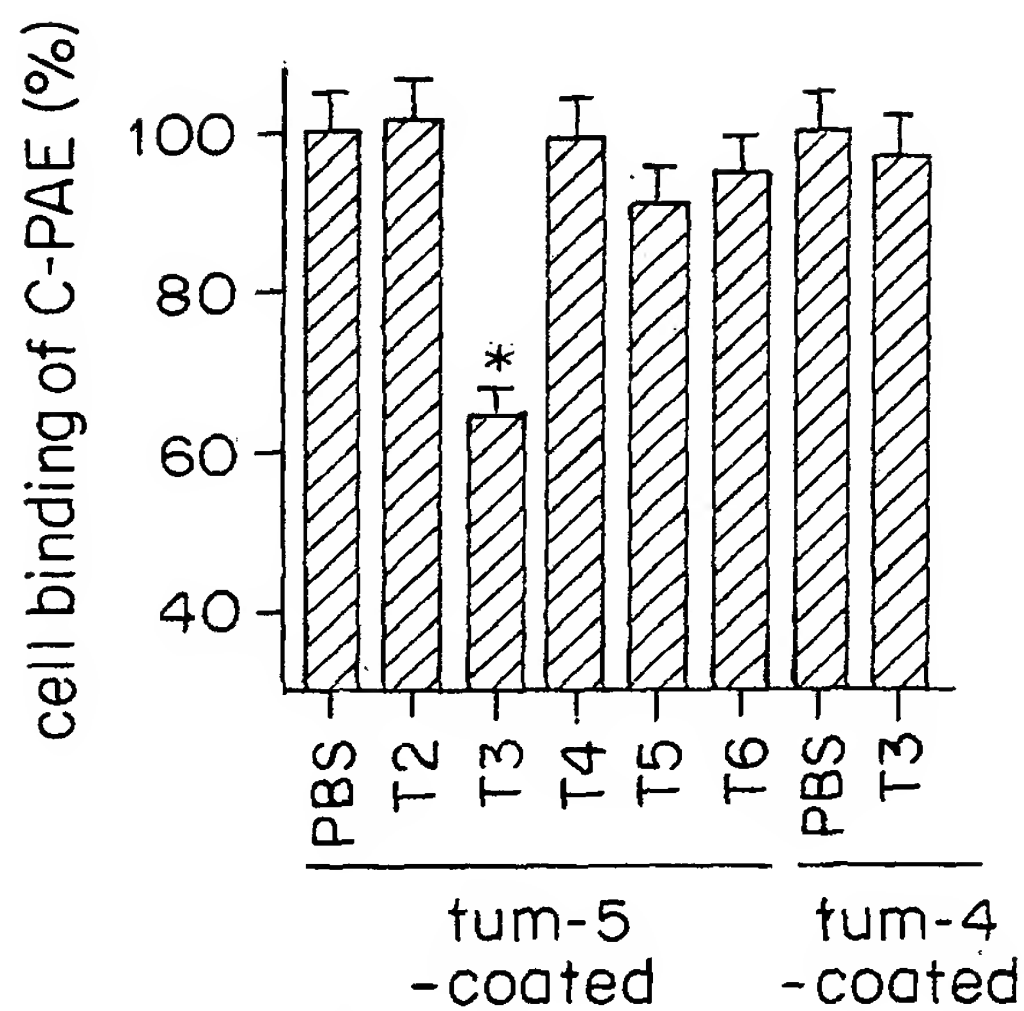


FIG. 44C

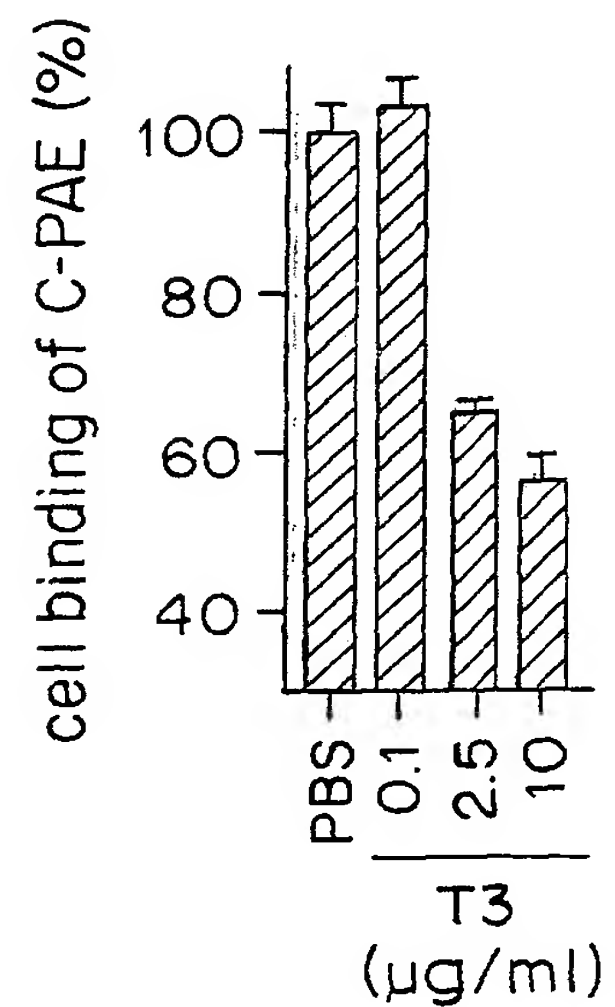


FIG. 44D

|           |                |
|-----------|----------------|
| APPROVED  | O.G. FIG.      |
| BY        | CLASS SUBCLASS |
| DRAFTSMAN |                |

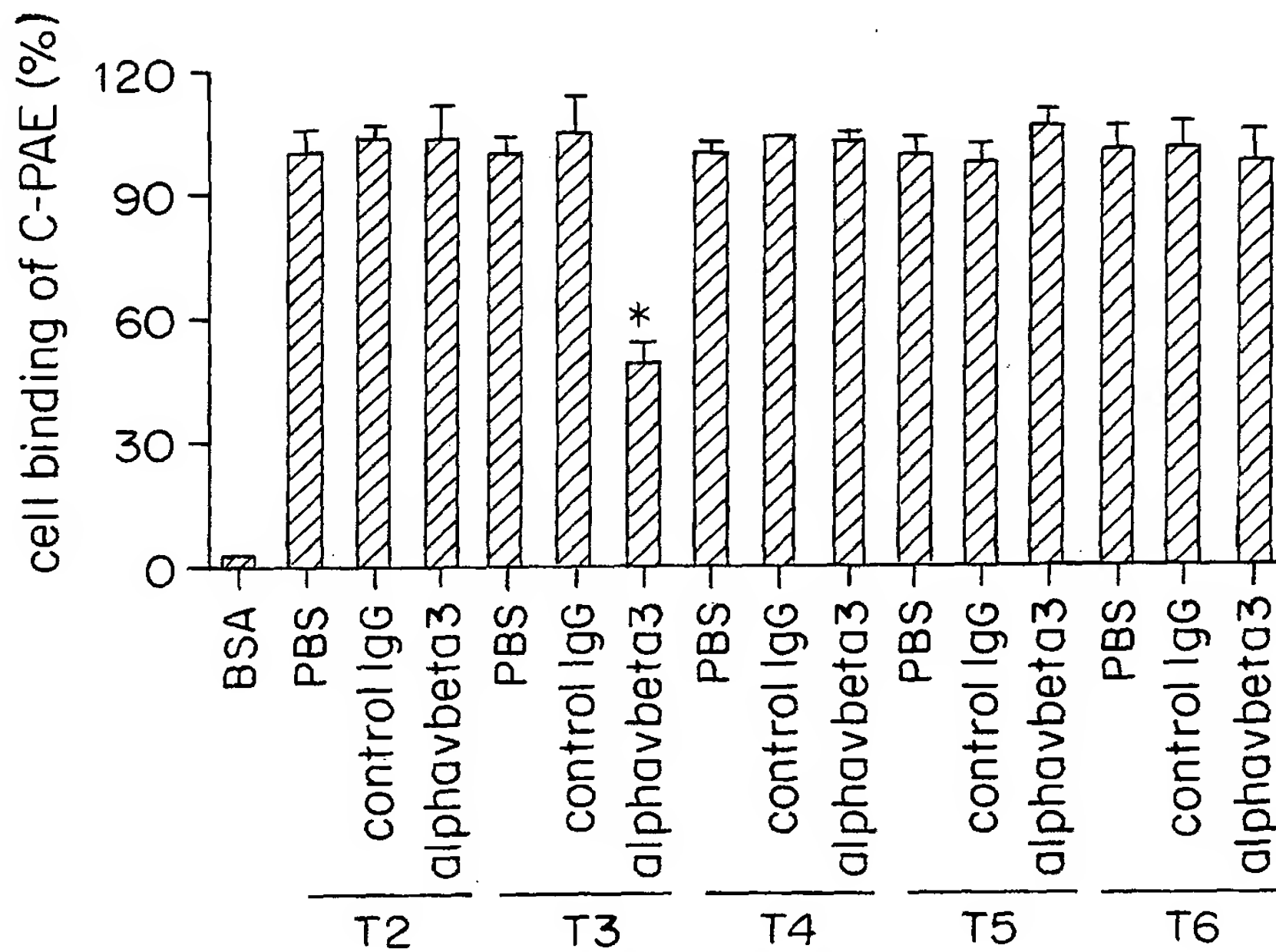


FIG. 44E

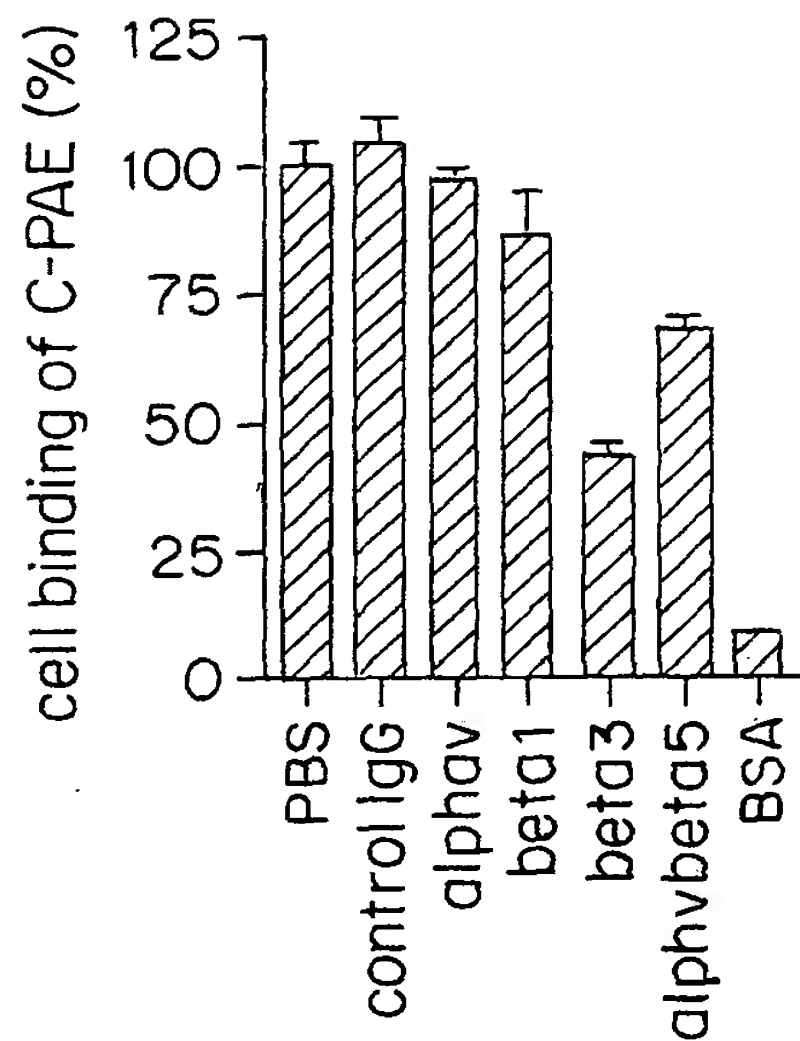


FIG. 44F

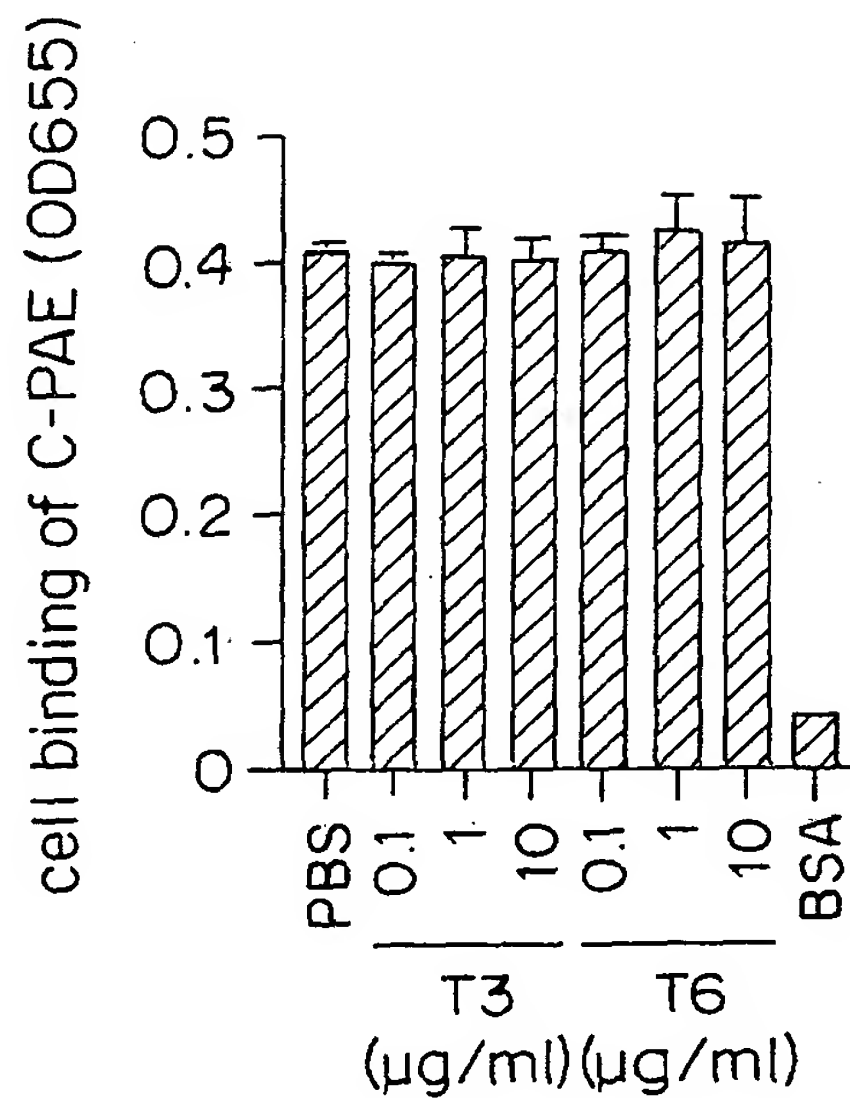


FIG. 44G

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

Docket/App No.: 1440.1027-006

Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Thereof

Inventors: Raghuram Kalluri

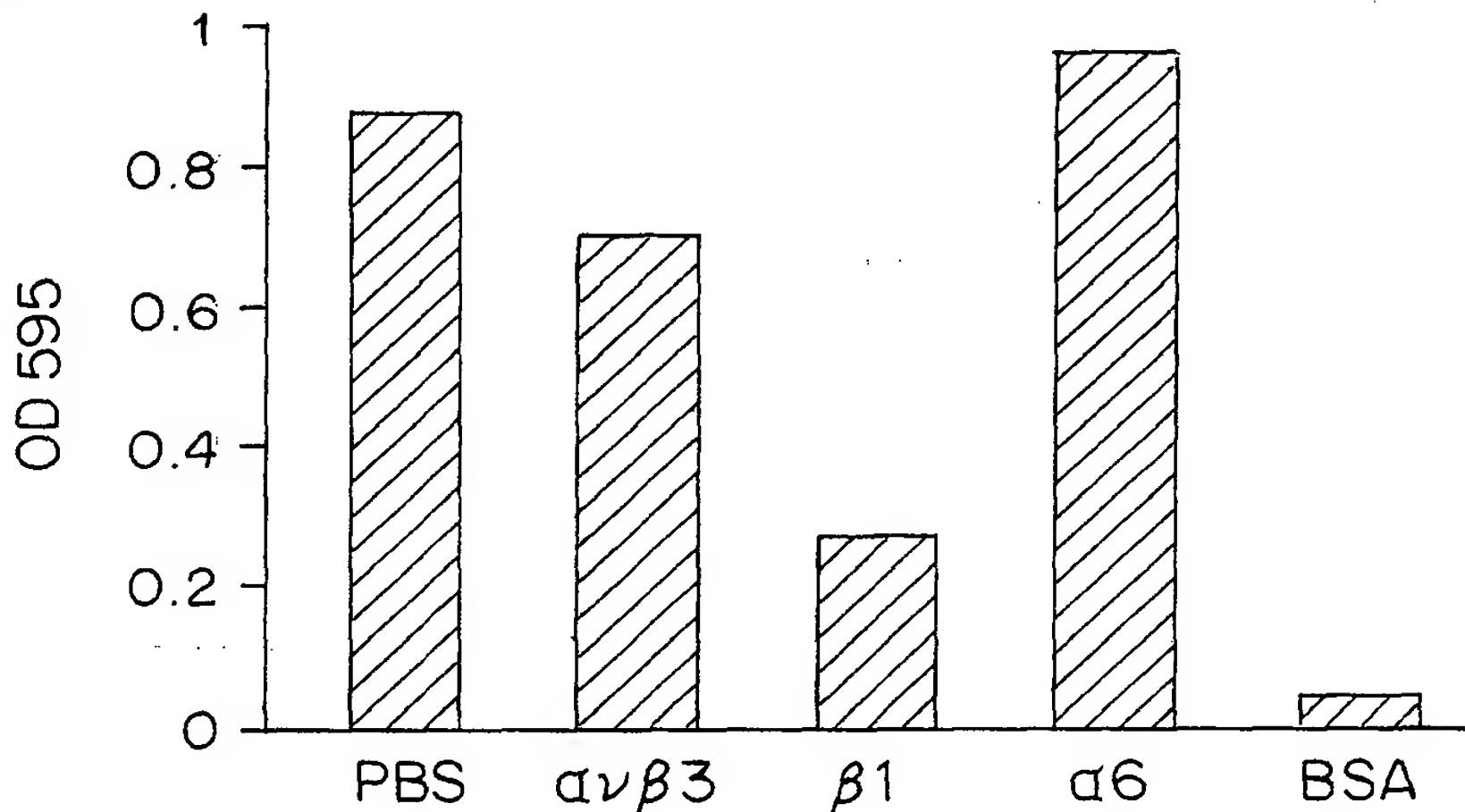


FIG. 45

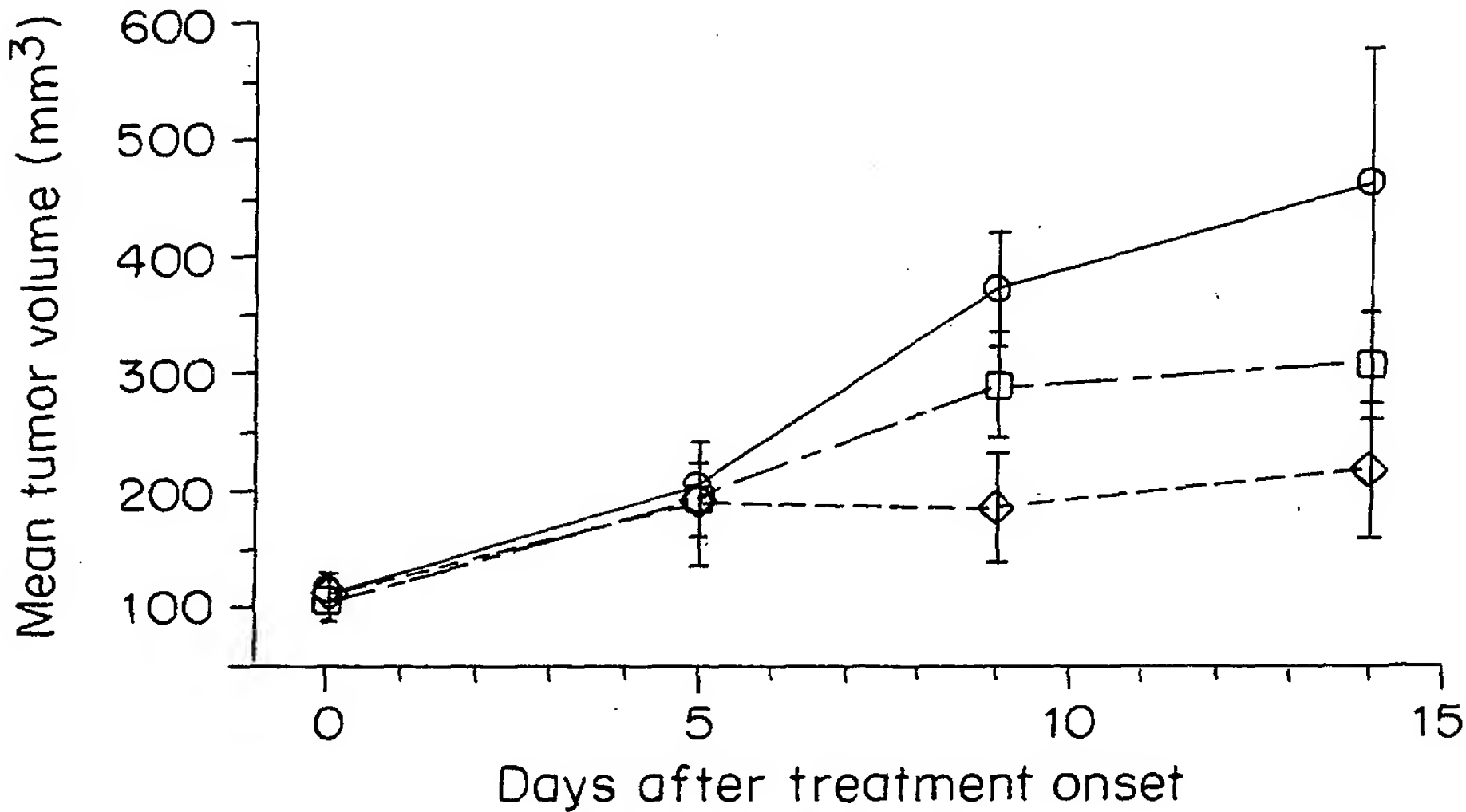


FIG. 46

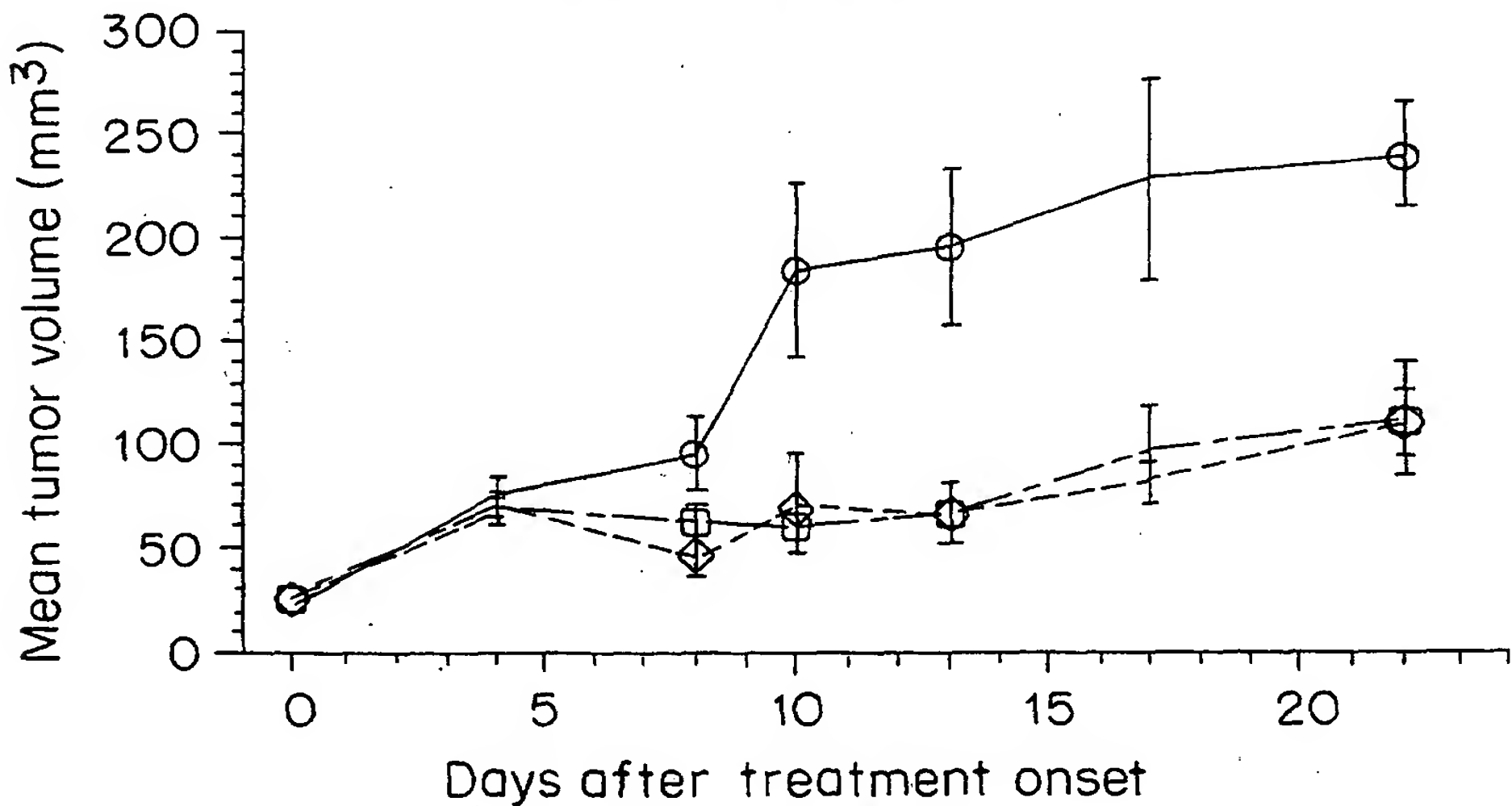


FIG. 47

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

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 Title: Anti-Angiogenic Proteins and Fragments and Methods of Use Th  
 Inventors: Raghuram Kalluri

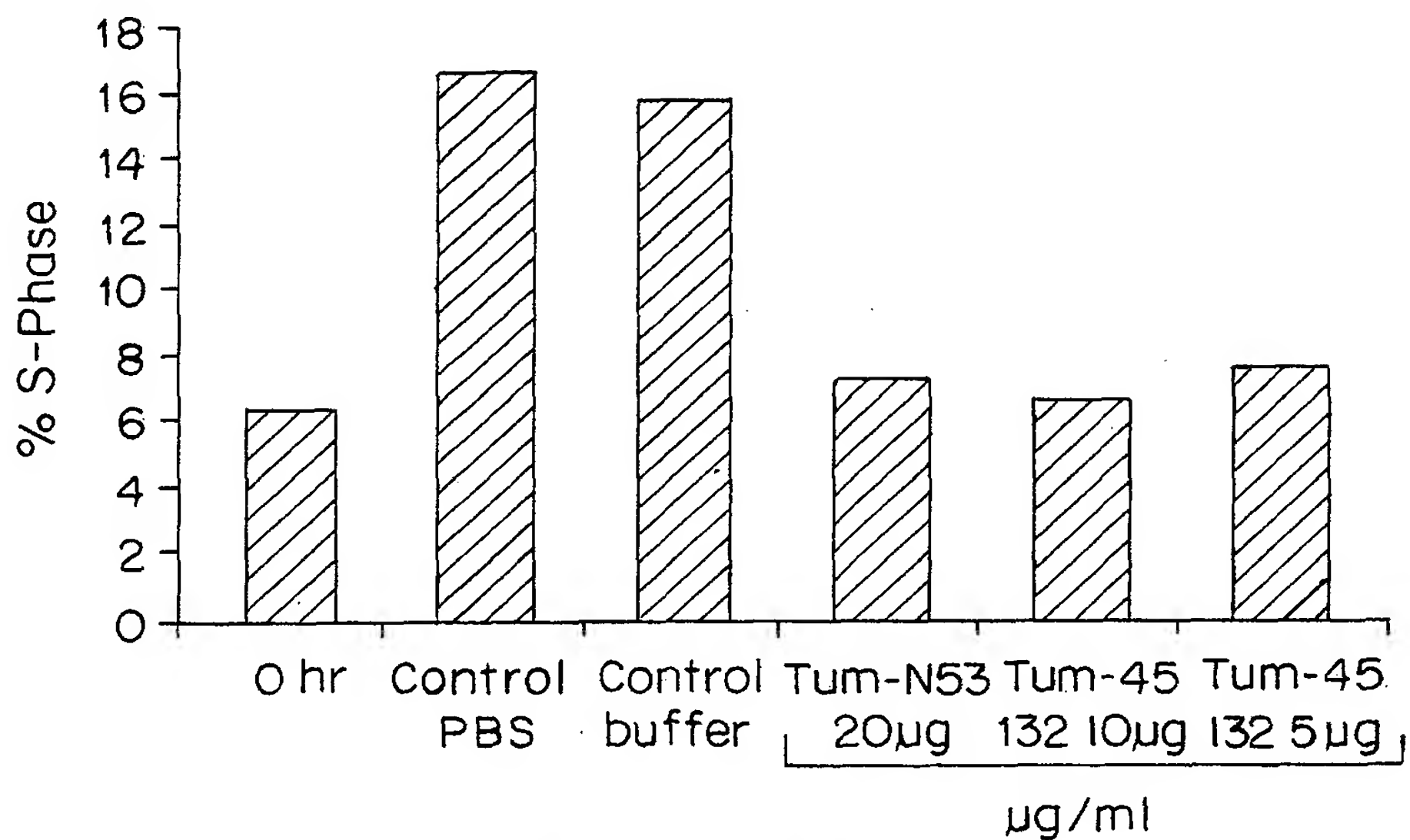


FIG. 48

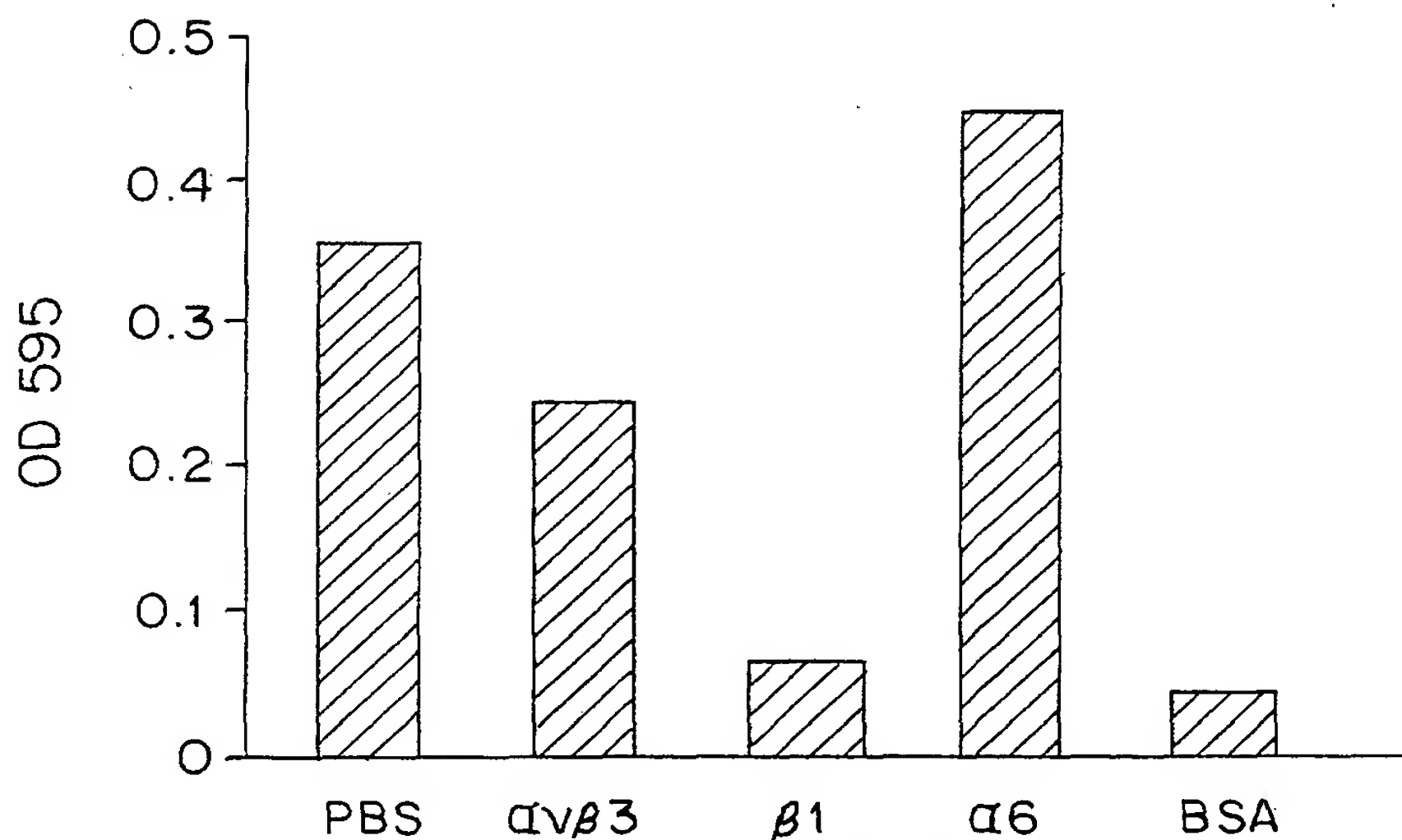


FIG. 49